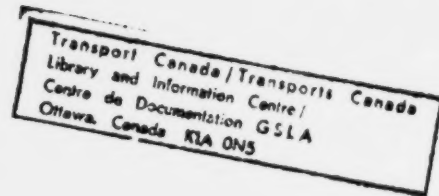


TP3920E



CRC PUSHER OPERATIONS

TRAIN SIMULATIONS STUDY

BY

CANADIAN PACIFIC CONSULTING SERVICES LTD.

September 1982



The contents of this report reflect the views of the contractor and not necessarily the official view or policies of the Transportation Development Centre of Transport Canada.

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17. Abstract Proposed electrification of a pusher operation on a twelve kilometre section of grade of the Cartier Railway Company between Tup siding and Lac Jeannine, Quebec, required an evaluation of buff and drawbar forces. This was done by computer simulation for various locomotive and train configurations using a Train Operations Simulator program produced by the American Association of Railways. It was concluded that the most favourable train consist for summer operation was two MLW630 locomotives followed by 96 ore cars followed by GM10B and GM6C electric locomotives; and for winter operation two MLW630 locomotives followed by 70 ore cars and one GM10B electric locomotive.			
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17. Résumé Un projet d'électrification d'une section de 12 kilometres en côte du Chemin de Fer Cartier, entre le voie d'évitement de Tup et Lac Jeannine, pour les man-oeuvres de poussée, a rendu nécessaire l'évaluation des forces de traction et de poussée. Ceci fut fait par un ordinateur, utilisant un programme de simulation ("Train Operations Simulator") développé par American Association of Railways, pour plusieurs formations de rames et de locomotives. Les résultats de la simulation furent que les meilleurs formations seraient les suivantes: - Pour l'été, deux locomotives MLW630 suivies de 96 wagons de minéral avec une locomotive GM10B et une locomotive GM6C en queue de rame; - Pour l'hiver, deux locomotives MLW630 suivies de 70 wagons de minéral avec une locomotive GM10B en queue de rame.			
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PROJECT PERSONNEL

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Units of Measurement

This report uses the English unit system for compatibility with the train simulations program which has not yet been modified for SI units. Further data pertinent to the CRC, to the locomotives and to the cars is in English units.

For these reasons, conversion to SI units was considered inappropriate.

EXECUTIVE SUMMARY

This report deals with a computer simulation of the buff and drawbar forces of locomotives/train configurations for the CRC pusher section of operation between Tup siding and Lac Jeannine, Quebec.

It was done to evaluate the effect of possible high adhesion of the electric locomotives producing excessive buff and drawbar forces.

The results show draft and buff forces for several configurations.

It is concluded that for "summer" operation, the most favorable arrangement of cars would be two MLW630 locomotives followed by 96 cars followed by the GM10B and the GM6C locomotives.

For winter operation, the most acceptable arrangement is 70 cars followed by one GM10B locomotive with a reduction in speed.

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CRC PUSHER OPERATIONS
TRAIN SIMULATIONS STUDY

1. INTRODUCTION

The Train Operations Simulator (T.O.S.) produced by the American Association of Railways (A.A.R.) was used to simulate proposed electric pusher operation between Tup siding and Lac Jeannine.

This computer simulation produces estimates of the drawbar forces and Lateral over Vertical force (L/V) ratios for every car in the consist at regular time intervals as the simulated train proceeds up the hill. The drawbar forces and L/V ratios are of concern since high values of these indicators can be associated with damage to couplers or track and with higher incidence of derailments. If the electric locomotives can achieve high adhesion, then the consequent high forces may cause problems with certain train configurations.

2. TRAIN OPERATIONS SIMULATOR

2.1 GENERAL

The T.O.S. was produced as part of the A.A.R.'s Track Train Dynamics Program. The A.A.R. has conducted studies concerning the accuracy of the T.O.S. The T.O.S. was determined to be reasonably accurate in simulating dynamic train action (run-ins, run-outs) and quite accurate in simulating the forces in "static" situations such as the present case.

2.2 L/V RATIOS

The T.O.S. requires detailed input describing the train, the track and the handling. The T.O.S. predicts the forces in the train and the L/V ratios. The L/V ratio is the ratio of the lateral over the vertical forces of the wheel against the rail. Since for a given railcar or locomotive, the vertical force is reasonably constant, large L/V ratios indicate large lateral forces. The A.A.R. has associated critical values of the L/V ratio with certain events as follows:

1. 0.64 (unrestrained rail may overturn)
2. 0.75 (flange may climb worn rail)
3. 0.82 (wheel may lift disengaging flange)
4. 1.29 (flange may climb new rail)

The A.A.R. has also recommended a maximum drawbar force of 250 kilopounds (kips) (buff or draft) for ordinary couplers.

The T.O.S. was modified by us to accept high levels of adhesion. Adhesion limits must consequently be supplied in conjunction with the tractive effort curves of the specific locomotives.

2.3 INPUT DATA

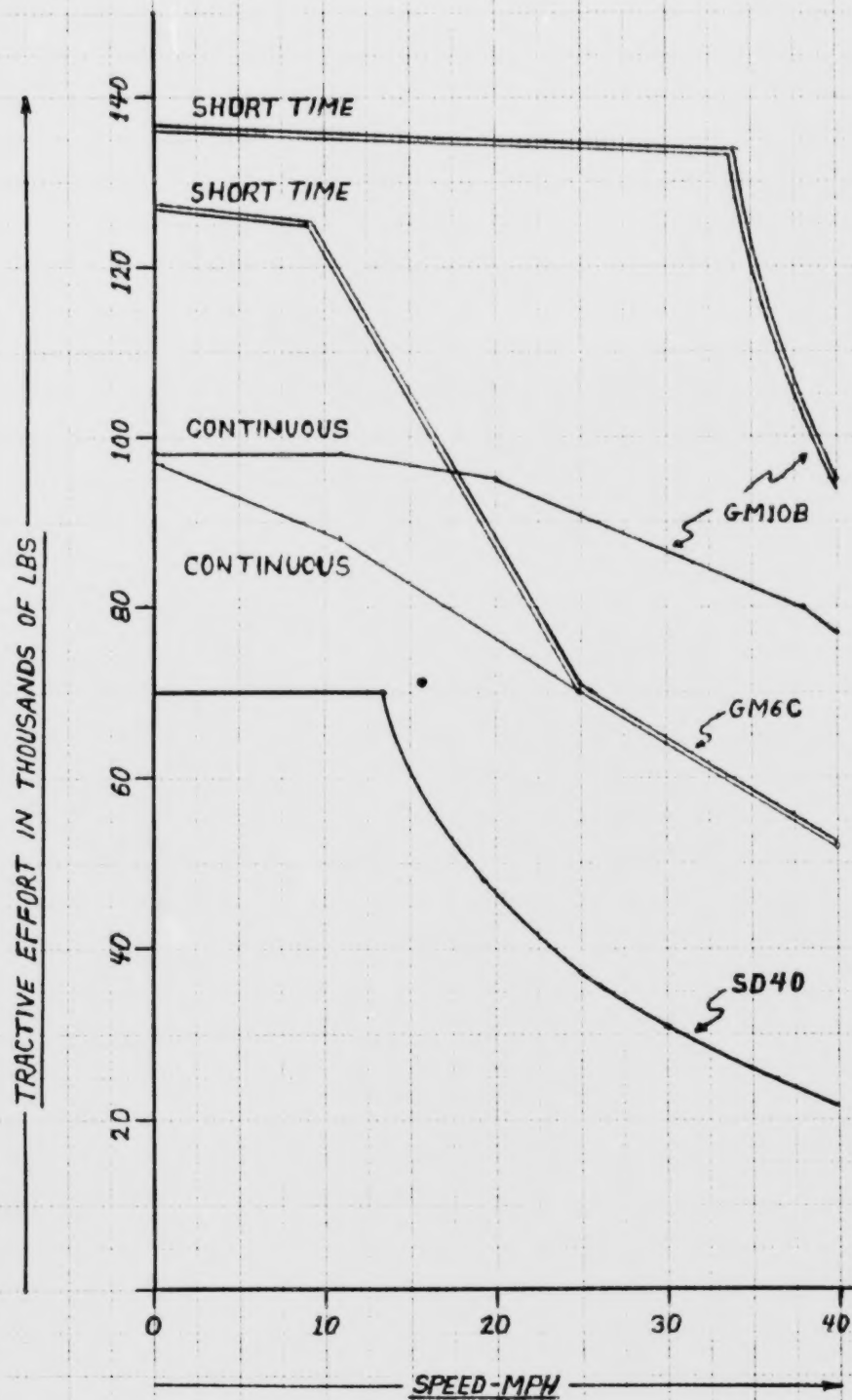
The information required to describe the track is the location and percentage of grades, and the location, degree and superelevation of curves. These were obtained from the Condensed Profile for the Compagnie de Chemin de Fer Cartier dated May 1980. The rail cars used were 126 tons in weight and 40 feet long. The locomotives used were the SD-40*, GM6C and GM10B. The tractive effort curves of these are given in figure 1. Two tractive effort curves were used for the electric locomotives at full throttle. These were the curve for normal operation and the curve for "short-time" or "5 minute overload" operation.

The T.O.S. allows input of 8 tractive effort curves (see Appendix) for each locomotive and these are denoted RUN1 to RUN8. RUN1 to RUN5 were set up to model partial throttle positions for all locomotives and were used to simulate the start-up of the train. RUN6 was used for the normal full tractive effort curve for all locomotives. RUN8 was used for the short-time tractive effort curves of the electric locomotives. For the diesel locomotive, RUN8 was the normal full power curve; that is, RUN8 was set the same as RUN6. This was necessary because the T.O.S. does not in general allow separate power selection on different locomotives. RUN7 was reserved for an intermediate position and was unused in this study.

In summer and winter, trains were to consist of 96 and 70 cars respectively.

* Although the CRC uses the MLW630 3000 HP locomotive, the T.O.S. input data is based on the GM SD-40 3000 HP unit which has similar characteristics.

FIGURE 1 TRACTIVE EFFORT FOR SD40
GM6C & GM10B LOCOMOTIVES



3. TRAIN OPERATION

3.1 GENERAL

The general train handling can be described as follows. All trains were started from standstill at Tup siding. All trains were handled in such a manner as to reach a maximum speed of 30 mph at the bottom of the hill at which time the locomotives were placed in full throttle (RUN6). Simulations that used normal tractive effort for electrics continued in full throttle (RUN6) until the top of the hill. Simulations that used short time tractive effort for electrics continued in full throttle (RUN6) until a speed of 15 mph was reached at which time short-time power (RUN8) was applied for exactly 5 minutes. At this time, the throttle was cut to normal operation (RUN6) until the top of the hill.

3.2 PRELIMINARY CONSIDERATIONS

It is possible to determine some rough estimates of the forces involved. The ruling grade in the hill is approximately 1.3%. In order that 96 cars of 126 tons each move at a constant speed up that grade, 314 kips of force ($96 \times 126 \times 2000 \times .013/1000$) will have to be generated on the consist in order to overcome the grade resistance. Additional force will have to be generated to overcome curve and rolling resistance. If the train is allowed to decelerate across the ruling grade, then less force will be required. If the force of 314 kips is exerted through one coupler, then the A.A.R. guideline of 250 kips will be violated.

The two SD40s, the GM6C and the GM10B can together generate 299 or 361 kips of force at 15 mph in the continuous or short time settings respectively. If 5 kips are used in moving each of the locomotives, the locomotive consist will have approximately 279 or 341 kips to exert on the rail cars in total at 15 mph.

3.3 RUN DESCRIPTIONS

The description of the consists for each of the computer runs is summarized in the following table.

RUN Symbol	Consist	Overload
ED96/0/	GM6C, GM10B, 2 x SD40, 96 x Car	no
ED96/5/	GM6C, GM10B, 2 x SD40, 96 x Car	5 minutes
D96E/0/	2 x SD40, 96 x Car, GM6C, GM10B	no
D96E/5/	2 x SD40, 96 x Car, GM6C, GM10B	5 minutes
D96E/0/R	2 x SD40, 96 x Car, GM10B, GM6C	no
D96E/5/R	2 x SD40, 96 x Car, GM10B, GM6C	5 minutes
D96D	2 x SD40, 96 x Car, 3 x SD40	not applicable
ED70/0/	GM10B, 2 x SD40, 70 x Car	no
ED70/5/	GM10B, 2 x SD40, 70 x Car	5 minutes
D70E/0/	2 x SD40, 70 x Car, GM10B, Caboose	no
D70E/5/	2 x SD40, 70 x Car, GM10B, Caboose	5 minutes

The 96 car "summer" operation had the electrics both at the front or both at the rear. (There are various operational reasons why it is not desirable to split the electrics, to move the diesels or to place the electrics in the middle of the train. These will not be dealt with in this report.)

As was to be expected, placing all the power at the front caused excessive forces. Attempting to control these forces can only stall the train.

The current method of operation with five MLW630 diesels was simulated to provide a basis for comparison.

For the 70 car "winter" operation, only the GM10B electric locomotive was used since the other locomotive alone did not give satisfactory operation. Because of constraints within the T.O.S. itself, it was not possible to simulate a single locomotive alone in trailing position. In these cases, a light weight (10 ton) "caboose" was placed after the locomotive. The presence of the caboose will not materially affect the results or conclusions of the simulations.

4. RESULTS

The entire output of the simulation runs is available in the appendix.
The following tabulation condenses the more critical information.

RUN	MIN SPEED MPH	MAX FORCE DRAFT	KIPS BUFF	MAX L/V AND LOCATION	REQUIRED ADHESION (%)	
					GM6C	GM10B
D96D	11	136	-196	.56 on 99	-	-
ED96/0/ ED96/5/	13 15	315 358	- -	.42 on 3 .51 on 3	23.3 28.5	25.1 34.6
D96E/0/ D96E/5/	13 15	137 124	-175 -233	.52 on 99 .64 on 99	23.3 28.5	25.1 34.6
D96E/0/R D96E/5/R	13 15	136 124	-175 -233	.42 on 99 .52 on 99	23.3 28.5	25.1 34.6
ED70/0/ ED70/5/	9 14	232 263	- -	.35 on 3 .38 on 3	- -	24.9 34.6
D70E/0/ D70E/5/	9 14	137 131	-95 -133	.27 on 72 .33 on 72	- -	24.9 34.6

5. ANALYSIS

The columns in the above table are defined as follows. The minimum speed is the lowest speed reached as the train climbs the hill. In all cases, the train decelerates from 30 mph to this speed; it remains at this speed for a short time and then gains speed again as the train moves off the ruling grade. As the train continues up the hill, the speed fluctuates as different grades are encountered.

The T.O.S. records buff forces as negative quantities. The maximum force columns record the maximum "static" forces on the drawbars of the first car and last car in the consist. The first car experiences draft forces while the last car experiences buff forces. There are no static buff forces when all the locomotives are located at the front of the train. Nevertheless there may be dynamic buff forces in various circumstances; however, these are not recorded. Because of the nature of tractive effort curves, the maximum static forces occur during the interval of lowest speed operation.

The maximum L/V ratio is the largest ratio observed as the train climbs the hill. This column also gives the location in the train experiencing the largest L/V ratio (where cars and locomotives are numbered from the head of the train).

Each of the simulation runs is based on an implicit premise that high adhesion can be obtained. The column for required adhesion gives the percentage adhesion for which the particular simulation is valid. If this adhesion cannot be obtained, then the maximum forces would be smaller and the minimum speed would be slower.

The run D96D simulating the present operation with all diesels provides a base case. The forces and L/V ratios are within the A.A.R. guidelines.

The runs ED96- produce forces which exceed the A.A.R. guidelines. However, runs D96E-R and D96E- produce forces within the guidelines.

Comparing the runs D96E- and D96-R, we can see that smaller L/V ratios can be obtained by placing the most powerful locomotive in a leading position at the back of the train.

Runs D96E-R compare very favourably with the present diesel operation D96D.

The maximum force for run ED70/5/ exceeds the permissible force of 250 kips. That is, short time overload operation with the 70-car consist and with all locomotives at the front will not be acceptable.

6. CONCLUSIONS

For "summer" operation with 96 cars, it will not be feasible to place the electric locomotives at the front of the train, because of the high draft forces generated. The most desirable consist is made up of two SD40 locomotives followed by 96 cars followed by the GM10B and finally the GM6C locomotive. From the standpoint of train forces, this consist (using the continuous rating of the electrics) will give better results than even the present operation. If the short time overload position is used for 5 minutes, the buff forces in the electric operation will be about 19% worse but will still be acceptable.

For "winter" operation with 70 cars, it is possible to use only the GM10B locomotive. If this locomotive is used in the front of the consist under conditions of overload operation, then the forces will not be acceptable. If this locomotive is located at the rear, the forces generated will be acceptable in either continuous or short time throttle settings. However, the speed may be somewhat slow in the continuous setting.

A

QCM E-D-98/0/

TRAIN SUMMARY

LEAD LOCOMOTIVES	HELPER LOCOMOTIVES	CARS	TRAILING TONNAGE	TOTAL TONNAGE	TOTAL LENGTH
4	0	98	12088	12888	4108'

VEHICLE LISTING

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1	GM6C		69'	183T		M380	28"	12X42"	COMP/PL	J1.6
2	GM10B		69'	195T		M380	28"	12X50"	COMP/PL	J1.6
3-4	LOCO (2)	SD40	65'	197T		M380	28"	12X40"	COMP/PL	J1.6
5-100	CARS (98)	LG4	40'	126T		MK50	29"	8X38"	C.I.	AB

QCM E-D-96/0/

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1	GM6C		89'	183T		M380	28"	12X42"	COMP/PL	J1.8
DYNAMIC BRAKES: NONE										
TRANSITION SPEED: 20 MPH										
SPEED (MPH):										
ENGINE TRACTIVE FORCE: 12588#										
ENGINE H.P. AT RAIL: 1878										
DYNAMIC BRAKE FORCE: 0#										
DYNAMIC H.P. AT RAIL: 0										

5	15	30	45	60	75
84000#	4175	5120	5548	5867#	27733#
0#	0#	0#	0#	0#	0#
0	0	0	0	0	0

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
3- 4	LOC	(2)	SD40	85'	197T	M380	28"	12X40"	COMP/PL	J1.6

DYNAMIC BRAKES: TAPERED ; EXTENDED RANGE
 DYNAMIC BRAKE INTERLOCK (DBI): NO RECOVERY AFTER DYNAMIC BRAKE OFF
 INDEPENDENT PRESSURE SWITCH (IPS) ACTIVATED AT: 15 P.S.I.

SPEED (MPH):	5	15	30	45	60	75
ENGINE TRACTIVE FORCE:	70000#	83202#	31000#	20222#	15166#	12133#
ENGINE H.P. AT RAIL:	933	2528	2480	2428	2428	2428
DYNAMIC BRAKE FORCE:	34534#	53988#	48601#	32400#	24300#	19440#
DYNAMIC H.P. AT RAIL:	480	2159	3888	3888	3888	3888

STATION TIME	MP	SPEED LMT RUN	THTLT AMPS TRN IND PIPE CYL	SETTING PRESSURE KIPS:CAR L/V:CAR	BRAKES (AND LOCATION)	MAXIMUMS	POSITION	FOR SPECIFIED VEHICLES		IDENTIFIER	DRAWBAR FORCES		L/V RATIO
								FORE	AFT		FORE	AFT	
-----> USE WIDE CARRIAGE FORMAT FOR OUTPUT DATA													
-----> PRINT OUT (AT LEAST) EVERY 10 SECONDS													
-----> USE 80 P.S.I. BRAKE PIPE PRESSURE													
-----> LEAKAGE = 2 P.S.I. PER MINUTE													
-----> PRINT OUT FORCES ON VEHICLE 1													
-----> PRINT OUT FORCES ON VEHICLE 2													
-----> PRINT OUT FORCES ON VEHICLE 3													
-----> PRINT OUT FORCES ON VEHICLE 4													
-----> PRINT OUT FORCES ON VEHICLE 5													
-----> PRINT OUT FORCES ON VEHICLE 24													
-----> PRINT OUT FORCES ON VEHICLE 43													
-----> PRINT OUT FORCES ON VEHICLE 82													
-----> PRINT OUT FORCES ON VEHICLE 81													
-----> PRINT OUT FORCES ON VEHICLE 100													
-----> SAND													
-----> RUN 1													
-----> CONTINUE FOR 280 SECONDS													
-----> TRAIN STARTING AT 0.30% GRADE													
O: 0: 0	182.880	0	0	RUN 1	253 REL REL	80#	0#	-78:4	14:4	GM8C	0 KIPS	-50 KIPS	0.02
	182.887					80#	0#			GM10B	-50 KIPS	-53 KIPS	0.04
	182.854					80#	0#			SD40	-53 KIPS	-76 KIPS	0.04
	182.842					80#	0#			SD40	-76 KIPS	0 KIPS	0.14
	182.829					80#	0#			GONDOLA	0 KIPS	0 KIPS	0.10
	182.885					80#	0#			GONDOLA	0 KIPS	0 KIPS	0.10
	182.841					80#	0#			GONDOLA	0 KIPS	0 KIPS	0.10
	182.397					80#	0#			GONDOLA	0 KIPS	0 KIPS	0.10
	182.253					80#	0#			GONDOLA	0 KIPS	0 KIPS	0.10
	182.110					80#	0#			GONDOLA	0 KIPS	0 KIPS	0.00
O: 0:10	182.881	0	1	RUN 1	251 REL REL	80#	0#	258:88	14:4	GM8C	81 KIPS	61 KIPS	0.00
	182.868					80#	0#			GM10B	127 KIPS	127 KIPS	0.00
	182.855					80#	0#			SD40	101 KIPS	101 KIPS	0.04
	182.843					80#	0#			SD40	115 KIPS	115 KIPS	0.14
	182.831					80#	0#			GONDOLA	115 KIPS	136 KIPS	0.11
	182.687					80#	0#			GONDOLA	245 KIPS	240 KIPS	0.10
	182.543					80#	0#			GONDOLA	244 KIPS	242 KIPS	0.10
	182.399					80#	0#			GONDOLA	254 KIPS	257 KIPS	0.10
	182.255					80#	0#			GONDOLA	-11 KIPS	-8 KIPS	0.10
	182.111					80#	0#			GONDOLA	0 KIPS	0 KIPS	0.10
O: 0:20	182.886	0	2	RUN 1	250 REL REL	80#	0#	259:75	13:4	GM8C	0 KIPS	0 KIPS	0.00
	182.873					80#	0#			GM10B	15 KIPS	15 KIPS	0.00
	182.860					80#	0#			SD40	31 KIPS	31 KIPS	0.03
	182.847					80#	0#			SD40	58 KIPS	58 KIPS	0.03
	182.835					80#	0#			SD40	81 KIPS	81 KIPS	0.13
	182.691					80#	0#			GONDOLA	81 KIPS	80 KIPS	0.12
	182.547					80#	0#			GONDOLA	63 KIPS	63 KIPS	0.10
	182.403					80#	0#			GONDOLA	48 KIPS	45 KIPS	0.10
	182.259					80#	0#			GONDOLA	51 KIPS	76 KIPS	0.10
	182.115					80#	0#			GONDOLA	242 KIPS	244 KIPS	0.10
						80#	0#			GONDOLA	215 KIPS	0 KIPS	0.00

QCM E-D-98/0/

STATION TIME	MP	SPEED LMT RUN	THRTLE AMP	BRAKES TRN IND PIPE CYL	SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRUMBAR FORCES FORE	AFT	
0: 0:30	182.893	0	3 RUN 1	249 REL REL	80# 0#	74:5 13:5	1	GM6C	0 KIPS	15 KIPS	0.00
	182.880				80# 0#		2	GM10B	15 KIPS	31 KIPS	0.00
	182.868				80# 0#		3	SD40	31 KIPS	52 KIPS	0.02
	182.854				80# 0#		4	SD40	52 KIPS	74 KIPS	0.12
	182.842				80# 0#		5	GONDOLA	74 KIPS	73 KIPS	0.13
	182.828				80# 0#		24	GONDOLA	58 KIPS	57 KIPS	0.10
	182.814				80# 0#		43	GONDOLA	42 KIPS	41 KIPS	0.10
	182.800				80# 0#		62	GONDOLA	28 KIPS	25 KIPS	0.10
	182.786				80# 0#		81	GONDOLA	10 KIPS	10 KIPS	0.10
	182.772				80# 0#		100	GONDOLA	1 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING-0.31 % GRADE											
0: 0:40	182.902	0	4 RUN 1	248 REL REL	80# 0#	65:5 11:8	1	GM6C	0 KIPS	15 KIPS	0.00
	182.889				80# 0#		2	GM10B	15 KIPS	31 KIPS	0.00
	182.876				80# 0#		3	SD40	31 KIPS	48 KIPS	0.01
	182.863				80# 0#		4	SD40	48 KIPS	65 KIPS	0.10
	182.851				80# 0#		5	GONDOLA	65 KIPS	64 KIPS	0.10
	182.837				80# 0#		24	GONDOLA	51 KIPS	50 KIPS	0.10
	182.824				80# 0#		43	GONDOLA	37 KIPS	38 KIPS	0.10
	182.811				80# 0#		62	GONDOLA	23 KIPS	22 KIPS	0.10
	182.797				80# 0#		81	GONDOLA	8 KIPS	8 KIPS	0.10
	182.784				80# 0#		100	GONDOLA	0 KIPS	0 KIPS	0.00
0: 0:50	182.914	0	5 RUN 1	246 REL REL	80# 0#	80:5 11:7	1	GM6C	0 KIPS	15 KIPS	0.00
	182.901				80# 0#		2	GM10B	15 KIPS	31 KIPS	0.00
	182.887				80# 0#		3	SD40	31 KIPS	48 KIPS	0.00
	182.874				80# 0#		4	SD40	48 KIPS	60 KIPS	0.00
	182.861				80# 0#		5	GONDOLA	60 KIPS	60 KIPS	0.00
	182.848				80# 0#		24	GONDOLA	48 KIPS	47 KIPS	0.10
	182.835				80# 0#		43	GONDOLA	35 KIPS	34 KIPS	0.10
	182.822				80# 0#		62	GONDOLA	22 KIPS	21 KIPS	0.10
	182.809				80# 0#		81	GONDOLA	8 KIPS	8 KIPS	0.10
	182.796				80# 0#		100	GONDOLA	0 KIPS	0 KIPS	0.00
0: 1: 0	182.927	0	5 RUN 1	245 REL REL	80# 0#	57:5 10:9	1	GM6C	0 KIPS	15 KIPS	0.00
	182.914				80# 0#		2	GM10B	15 KIPS	31 KIPS	0.00
	182.901				80# 0#		3	SD40	31 KIPS	44 KIPS	0.00
	182.888				80# 0#		4	SD40	44 KIPS	57 KIPS	0.00
	182.875				80# 0#		5	GONDOLA	57 KIPS	56 KIPS	0.00
	182.862				80# 0#		24	GONDOLA	45 KIPS	45 KIPS	0.10
	182.849				80# 0#		43	GONDOLA	33 KIPS	32 KIPS	0.10
	182.836				80# 0#		62	GONDOLA	20 KIPS	20 KIPS	0.10
	182.823				80# 0#		81	GONDOLA	8 KIPS	7 KIPS	0.10
	182.810				80# 0#		100	GONDOLA	0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	BRAKES PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
O: 1:10	182.943	0	8	RUN	1	244	REL	REL	80#	0#	0#	0#	0.00
	182.930							53:5	10:12	GM10B	0 KIPS	15 KIPS	0.00
	182.917									GM10B	15 KIPS	31 KIPS	0.00
	182.908									SD40	31 KIPS	42 KIPS	0.00
	182.893									SD40	42 KIPS	53 KIPS	0.00
	182.749									GONDOLA	53 KIPS	53 KIPS	0.00
	182.608									GONDOLA	43 KIPS	42 KIPS	0.10
	182.481									GONDOLA	31 KIPS	31 KIPS	0.10
	182.317									GONDOLA	20 KIPS	18 KIPS	0.10
	182.173									GONDOLA	8 KIPS	7 KIPS	0.10
O: 1:20	182.961	0	7	RUN	1	243	REL	REL	80#	0#	0#	0#	0.00
	182.948							51:5	10:13	GM10B	0 KIPS	0 KIPS	0.00
	182.935									GM10B	15 KIPS	15 KIPS	0.00
	182.923									SD40	31 KIPS	41 KIPS	0.00
	182.911									SD40	41 KIPS	51 KIPS	0.00
	182.787									GONDOLA	51 KIPS	50 KIPS	0.00
	182.623									GONDOLA	42 KIPS	41 KIPS	0.10
	182.479									GONDOLA	30 KIPS	30 KIPS	0.10
	182.338									GONDOLA	18 KIPS	18 KIPS	0.10
	182.191									GONDOLA	8 KIPS	8 KIPS	0.09
O: 1:30	182.981	0	8	RUN	1	242	REL	REL	80#	0#	0#	0#	0.00
	182.968							48:5	10:17	GM10B	0 KIPS	0 KIPS	0.00
	182.958									GM10B	15 KIPS	15 KIPS	0.00
	182.943									SD40	31 KIPS	31 KIPS	0.00
	182.931									SD40	39 KIPS	38 KIPS	0.00
	182.787									SD40	48 KIPS	48 KIPS	0.00
	182.643									GONDOLA	41 KIPS	40 KIPS	0.10
	182.488									GONDOLA	30 KIPS	29 KIPS	0.10
	182.358									GONDOLA	19 KIPS	19 KIPS	0.10
	182.211									GONDOLA	9 KIPS	8 KIPS	0.09
O: 1:40	183.003	0	8	RUN	1	241	REL	REL	80#	0#	0#	0#	0.00
	182.980							46:5	10:18	GM10B	0 KIPS	0 KIPS	0.00
	182.977									GM10B	15 KIPS	15 KIPS	0.00
	182.965									SD40	31 KIPS	31 KIPS	0.00
	182.953									SD40	38 KIPS	38 KIPS	0.00
	182.808									GONDOLA	46 KIPS	46 KIPS	0.00
	182.665									GONDOLA	40 KIPS	39 KIPS	0.10
	182.521									GONDOLA	30 KIPS	29 KIPS	0.10
	182.377									GONDOLA	19 KIPS	18 KIPS	0.10
	182.233									GONDOLA	8 KIPS	8 KIPS	0.08

STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S	SETTING TRN	IND	PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	DRABAR FORCES AFT	
0: 1:50	183.027	0	9	RUN	1	239	REL	REL	80#	0#	0#	0#	0.00
	183.014								80#	0#	0#	0#	0.00
	183.001								80#	0#	0#	0#	0.00
	182.989								80#	0#	0#	0#	0.00
	182.976								80#	0#	0#	0#	0.00
	182.832								80#	0#	0#	0#	0.10
	182.689								80#	0#	0#	0#	0.10
	182.545								80#	0#	0#	0#	0.09
	182.401								80#	0#	0#	0#	0.09
	182.257								80#	0#	0#	0#	0.09
0: 2: 0	183.053	0	10	RUN	1	238	REL	REL	80#	0#	0#	0#	0.00
	183.040								80#	0#	0#	0#	0.00
	183.027								80#	0#	0#	0#	0.00
	183.014								80#	0#	0#	0#	0.00
	183.002								80#	0#	0#	0#	0.00
	182.858								80#	0#	0#	0#	0.00
	182.714								80#	0#	0#	0#	0.10
	182.570								80#	0#	0#	0#	0.09
	182.426								80#	0#	0#	0#	0.09
0: 2: 10	183.080	0	10	RUN	1	237	REL	REL	80#	0#	0#	0#	0.00
	182.282								80#	0#	0#	0#	0.00
	183.057								80#	0#	0#	0#	0.00
	183.054								80#	0#	0#	0#	0.00
	183.042								80#	0#	0#	0#	0.00
	183.030								80#	0#	0#	0#	0.00
	182.888								80#	0#	0#	0#	0.00
	182.742								80#	0#	0#	0#	0.00
	182.598								80#	0#	0#	0#	0.09
	182.454								80#	0#	0#	0#	0.09
	182.310								80#	0#	0#	0#	0.09
0: 2: 20	183.110	0	11	RUN	1	236	REL	REL	80#	0#	0#	0#	0.00
	183.087								80#	0#	0#	0#	0.00
	183.084								80#	0#	0#	0#	0.00
	183.071								80#	0#	0#	0#	0.00
	183.058								80#	0#	0#	0#	0.00
	182.915								80#	0#	0#	0#	0.00
	182.771								80#	0#	0#	0#	0.09
	182.627								80#	0#	0#	0#	0.09
	182.483								80#	0#	0#	0#	0.09
	182.339								80#	0#	0#	0#	0.09

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS 235	SETTING REL	PRESSURE REL	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES	AFT	
0: 2:30	183.141	0	12	1	235	REL	REL	80# 0#	1	GMBC	0 KIPS	14 KIPS	0.00
	183.128							80# 0#	2	GM10B	14 KIPS	30 KIPS	0.00
	183.115							80# 0#	3	SD40	30 KIPS	36 KIPS	0.00
	183.103							80# 0#	4	SD40	36 KIPS	41 KIPS	0.00
	183.090							80# 0#	5	GONDOLA	41 KIPS	40 KIPS	0.00
	182.946							80# 0#	24	GONDOLA	37 KIPS	37 KIPS	0.00
	182.802							80# 0#	43	GONDOLA	31 KIPS	30 KIPS	0.08
	182.658							80# 0#	62	GONDOLA	20 KIPS	20 KIPS	0.08
	182.515							80# 0#	81	GONDOLA	11 KIPS	10 KIPS	0.08
	182.371							80# 0#	100	GONDOLA	1 KIPS	0 KIPS	0.08
0: 2:40	183.174	0	12	1	233	REL	REL	80# 0#	1	GMBC	0 KIPS	14 KIPS	0.00
	183.161							80# 0#	2	GM10B	14 KIPS	30 KIPS	0.00
	183.148							80# 0#	3	SD40	30 KIPS	35 KIPS	0.00
	183.136							80# 0#	4	SD40	35 KIPS	40 KIPS	0.00
	183.123							80# 0#	5	GONDOLA	40 KIPS	40 KIPS	0.00
	182.960							80# 0#	24	GONDOLA	36 KIPS	36 KIPS	0.00
	182.836							80# 0#	43	GONDOLA	31 KIPS	31 KIPS	0.08
	182.692							80# 0#	62	GONDOLA	21 KIPS	20 KIPS	0.08
	182.548							80# 0#	81	GONDOLA	11 KIPS	10 KIPS	0.08
	182.404							80# 0#	100	GONDOLA	1 KIPS	0 KIPS	0.08
0: 2:50	183.209	0	13	1	231	REL	REL	80# 0#	1	GMBC	0 KIPS	14 KIPS	0.00
	183.196							80# 0#	2	GM10B	14 KIPS	30 KIPS	0.00
	183.183							80# 0#	3	SD40	30 KIPS	34 KIPS	0.00
	183.171							80# 0#	4	SD40	34 KIPS	38 KIPS	0.00
	183.159							80# 0#	5	GONDOLA	38 KIPS	38 KIPS	0.00
	183.015							80# 0#	24	GONDOLA	35 KIPS	35 KIPS	0.00
	182.871							80# 0#	43	GONDOLA	31 KIPS	31 KIPS	0.08
	182.727							80# 0#	62	GONDOLA	21 KIPS	21 KIPS	0.08
	182.583							80# 0#	81	GONDOLA	11 KIPS	10 KIPS	0.08
	182.439							80# 0#	100	GONDOLA	1 KIPS	0 KIPS	0.08
0: 3: 0	183.246	0	14	1	230	REL	REL	80# 0#	1	GMBC	0 KIPS	14 KIPS	0.00
	183.233							80# 0#	2	GM10B	14 KIPS	30 KIPS	0.00
	183.220							80# 0#	3	SD40	30 KIPS	34 KIPS	0.00
	183.208							80# 0#	4	SD40	34 KIPS	38 KIPS	0.00
	183.195							80# 0#	5	GONDOLA	38 KIPS	38 KIPS	0.00
	183.052							80# 0#	24	GONDOLA	34 KIPS	34 KIPS	0.00
	182.908							80# 0#	43	GONDOLA	30 KIPS	30 KIPS	0.00
	182.764							80# 0#	62	GONDOLA	22 KIPS	21 KIPS	0.08
	182.620							80# 0#	81	GONDOLA	11 KIPS	11 KIPS	0.08
	182.476							80# 0#	100	GONDOLA	1 KIPS	0 KIPS	0.08

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	BRAKES SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	AFT	
0: 3:10	183.285	0	14	RUN	1	228	REL	REL	80#	0#	0#	0#	0.00
	183.272								80#	0#	0#	0#	0.00
	183.259								80#	0#	0#	0#	0.00
	183.247								80#	0#	0#	0#	0.00
	183.234								80#	0#	0#	0#	0.00
	183.090								80#	0#	0#	0#	0.00
	182.947								80#	0#	0#	0#	0.00
	182.803								80#	0#	0#	0#	0.00
	182.659								80#	0#	0#	0#	0.00
	182.515								80#	0#	0#	0#	0.00
0: 3:20	183.328	0	15	RUN	1	228	REL	REL	80#	0#	0#	0#	0.00
	183.313								80#	0#	0#	0#	0.00
	183.300								80#	0#	0#	0#	0.00
	183.288								80#	0#	0#	0#	0.00
	183.275								80#	0#	0#	0#	0.00
	183.131								80#	0#	0#	0#	0.00
	182.987								80#	0#	0#	0#	0.00
	182.843								80#	0#	0#	0#	0.00
	182.699								80#	0#	0#	0#	0.00
	182.555								80#	0#	0#	0#	0.00
0: 3:30	183.389	0	18	RUN	1	224	REL	REL	80#	0#	0#	0#	0.00
	183.366								80#	0#	0#	0#	0.00
	183.343								80#	0#	0#	0#	0.00
	183.330								80#	0#	0#	0#	0.00
	183.316								80#	0#	0#	0#	0.00
	183.174								80#	0#	0#	0#	0.00
	183.030								80#	0#	0#	0#	0.00
	182.888								80#	0#	0#	0#	0.00
	182.742								80#	0#	0#	0#	0.00
	182.598								80#	0#	0#	0#	0.00
0: 3:40	183.414	0	17	RUN	1	223	REL	REL	80#	0#	0#	0#	0.00
	183.401								80#	0#	0#	0#	0.00
	183.388								80#	0#	0#	0#	0.00
	183.375								80#	0#	0#	0#	0.00
	183.363								80#	0#	0#	0#	0.00
	183.219								80#	0#	0#	0#	0.00
	183.076								80#	0#	0#	0#	0.00
	182.931								80#	0#	0#	0#	0.00
	182.787								80#	0#	0#	0#	0.00
	182.643								80#	0#	0#	0#	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	KIPS:CAR	L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO	
													FORE	AFT		
0: 3:50	183.481	0	17	1	221	REL	REL	80#	0#	35:5	.08:75	1	GM6C	0 KIPS	13 KIPS	0.00
	183.447							80#	0#			2	GM108	13 KIPS	28 KIPS	0.00
	183.434							80#	0#			3	SD40	32 KIPS	32 KIPS	0.00
	183.422							80#	0#			4	SD40	32 KIPS	35 KIPS	0.00
	183.410							80#	0#			5	GONDOLA	35 KIPS	35 KIPS	0.00
	183.286							80#	0#			24	GONDOLA	30 KIPS	30 KIPS	0.00
	183.122							80#	0#			43	GONDOLA	25 KIPS	25 KIPS	0.00
	182.978							80#	0#			82	GONDOLA	20 KIPS	20 KIPS	0.00
	182.834							80#	0#			81	GONDOLA	13 KIPS	12 KIPS	0.08
	182.690							80#	0#			100	GONDOLA	1 KIPS	0 KIPS	0.08
0: 4: 0	183.508	0	18	1	219	REL	REL	80#	0#	34:5	.08:83	1	GM6C	0 KIPS	13 KIPS	0.00
	183.488							80#	0#			2	GM108	13 KIPS	28 KIPS	0.00
	183.483							80#	0#			3	SD40	28 KIPS	31 KIPS	0.00
	183.471							80#	0#			4	SD40	31 KIPS	34 KIPS	0.00
	183.459							80#	0#			5	GONDOLA	34 KIPS	34 KIPS	0.00
	183.315							80#	0#			24	GONDOLA	29 KIPS	29 KIPS	0.00
	183.171							80#	0#			43	GONDOLA	24 KIPS	23 KIPS	0.00
	183.027							80#	0#			82	GONDOLA	18 KIPS	18 KIPS	0.00
	182.883							80#	0#			81	GONDOLA	13 KIPS	12 KIPS	0.08
	182.739							80#	0#			100	GONDOLA	1 KIPS	0 KIPS	0.08
0: 4:10	183.581	0	19	1	217	REL	REL	80#	0#	34:5	.08:87	1	GM6C	0 KIPS	13 KIPS	0.00
	183.547							80#	0#			2	GM108	13 KIPS	28 KIPS	0.00
	183.534							80#	0#			3	SD40	28 KIPS	31 KIPS	0.00
	183.522							80#	0#			4	SD40	31 KIPS	34 KIPS	0.00
	183.510							80#	0#			5	GONDOLA	34 KIPS	33 KIPS	0.00
	183.368							80#	0#			24	GONDOLA	28 KIPS	28 KIPS	0.00
	183.222							80#	0#			43	GONDOLA	22 KIPS	22 KIPS	0.00
	183.078							80#	0#			82	GONDOLA	17 KIPS	17 KIPS	0.00
	182.934							80#	0#			81	GONDOLA	11 KIPS	11 KIPS	0.00
	182.790							80#	0#			100	GONDOLA	1 KIPS	0 KIPS	0.08
0: 4:20	183.614	0	20	1	215	REL	REL	80#	0#	33:5	.08:100	1	GM6C	0 KIPS	12 KIPS	0.00
	183.601							80#	0#			2	GM108	12 KIPS	28 KIPS	0.00
	183.588							80#	0#			3	SD40	28 KIPS	30 KIPS	0.00
	183.575							80#	0#			4	SD40	30 KIPS	33 KIPS	0.00
	183.563							80#	0#			5	GONDOLA	33 KIPS	33 KIPS	0.00
	183.419							80#	0#			24	GONDOLA	27 KIPS	27 KIPS	0.00
	183.275							80#	0#			43	GONDOLA	21 KIPS	21 KIPS	0.00
	183.131							80#	0#			82	GONDOLA	15 KIPS	15 KIPS	0.00
	182.987							80#	0#			81	GONDOLA	9 KIPS	9 KIPS	0.00
	182.843							80#	0#			100	GONDOLA	1 KIPS	0 KIPS	0.08

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0: 4:30	183.889	0	20	RUN 1	213	REL	REL	80# 0#	1	GM6C	0 KIPS	12 KIPS	0.00
	183.856							80# 0#	2	GM10B	12 KIPS	28 KIPS	0.00
	183.643							80# 0#	3	SD40	28 KIPS	30 KIPS	0.00
	183.631							80# 0#	4	SD40	30 KIPS	32 KIPS	0.00
	183.618							80# 0#	5	GONDOLA	32 KIPS	26 KIPS	0.00
	183.474							80# 0#	24	GONDOLA	20 KIPS	18 KIPS	0.00
	183.330							80# 0#	43	GONDOLA	20 KIPS	13 KIPS	0.00
	183.186							80# 0#	62	GONDOLA	13 KIPS	7 KIPS	0.00
	183.043							80# 0#	81	GONDOLA	1 KIPS	0 KIPS	0.00
	182.899							80# 0#	100	GONDOLA	0 KIPS	18 KIPS	0.08
0: 4:40	183.726	0	21	RUN 1	202	REL	REL	80# 0#	1	GM6C	0 KIPS	27 KIPS	0.00
	183.713							80# 0#	2	GM10B	27 KIPS	30 KIPS	0.00
	183.700							80# 0#	3	SD40	30 KIPS	32 KIPS	0.00
	183.688							80# 0#	4	SD40	32 KIPS	25 KIPS	0.00
	183.676							80# 0#	5	GONDOLA	28 KIPS	19 KIPS	0.00
	183.532							80# 0#	24	GONDOLA	13 KIPS	6 KIPS	0.00
	183.388							80# 0#	43	GONDOLA	7 KIPS	3 KIPS	0.00
	183.244							80# 0#	62	GONDOLA	0 KIPS	12 KIPS	0.00
	183.100							80# 0#	81	GONDOLA	12 KIPS	27 KIPS	0.00
	182.956							80# 0#	100	GONDOLA	27 KIPS	31 KIPS	0.00
-----> RUN 2													
0: 4:41	183.732	0	21	RUN 2	219	REL	REL	80# 0#	1	GM6C	0 KIPS	12 KIPS	0.00
	183.719							80# 0#	2	GM10B	12 KIPS	29 KIPS	0.00
	183.706							80# 0#	3	SD40	29 KIPS	31 KIPS	0.00
	183.694							80# 0#	4	SD40	31 KIPS	25 KIPS	0.00
	183.682							80# 0#	5	GONDOLA	25 KIPS	19 KIPS	0.00
	183.538							80# 0#	24	GONDOLA	13 KIPS	6 KIPS	0.00
	183.394							80# 0#	43	GONDOLA	0 KIPS	24 KIPS	0.00
	183.250							80# 0#	62	GONDOLA	24 KIPS	54 KIPS	0.00
	183.106							80# 0#	81	GONDOLA	54 KIPS	64 KIPS	0.00
	182.962							80# 0#	100	GONDOLA	64 KIPS	51 KIPS	0.00
0: 4:50	183.786	0	22	RUN 2	359	REL	REL	80# 0#	1	GM6C	0 KIPS	24 KIPS	0.00
	183.773							80# 0#	2	GM10B	24 KIPS	54 KIPS	0.00
	183.760							80# 0#	3	SD40	54 KIPS	64 KIPS	0.00
	183.748							80# 0#	4	SD40	64 KIPS	51 KIPS	0.00
	183.736							80# 0#	5	GONDOLA	51 KIPS	38 KIPS	0.00
	183.591							80# 0#	24	GONDOLA	28 KIPS	13 KIPS	0.00
	183.447							80# 0#	43	GONDOLA	13 KIPS	0 KIPS	0.00
	183.304							80# 0#	62	GONDOLA	1 KIPS	0 KIPS	0.00
	183.160							80# 0#	81	GONDOLA	0 KIPS	0 KIPS	0.00
	183.016							80# 0#	100	GONDOLA	0 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 3.00 DEGREE CURVE													

STATION TIME	MP	SPEED LMT	THLE RUN	AMPS	SETTING TRN	REL	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES		L/V RATIO	
							IND	PIPE			IDENTIFIER	DRAMBAR FORCES FORE AFT		
0: 5: 0	183.849	0	23	RUN	2	353	REL	REL	80# 0# 83:5 13:1	1	GM6C	0 KIPS	23 KIPS	0.13
	183.836								80# 0#	2	GM108	23 KIPS	53 KIPS	0.13
	183.823								80# 0#	3	SD40	58 KIPS	58 KIPS	0.13
	183.810								80# 0#	4	SD40	58 KIPS	63 KIPS	0.13
	183.798								80# 0#	5	GONDOLA	63 KIPS	63 KIPS	0.10
	183.788								80# 0#	24	GONDOLA	51 KIPS	50 KIPS	0.00
	183.654								80# 0#	43	GONDOLA	38 KIPS	38 KIPS	0.00
	183.510								80# 0#	62	GONDOLA	28 KIPS	28 KIPS	0.00
	183.366								80# 0#	81	GONDOLA	13 KIPS	13 KIPS	0.00
	183.222								80# 0#	100	GONDOLA	1 KIPS	0 KIPS	0.00
	183.078								80# 0#	1	GM6C	23 KIPS	23 KIPS	0.13
0: 5:10	183.914	0	24	RUN	2	348	REL	REL	80# 0# 81:5 13:3	2	GM108	23 KIPS	52 KIPS	0.13
	183.901								80# 0#	3	SD40	52 KIPS	58 KIPS	0.13
	183.888								80# 0#	4	SD40	58 KIPS	61 KIPS	0.13
	183.876								80# 0#	5	GONDOLA	61 KIPS	60 KIPS	0.10
	183.863								80# 0#	24	GONDOLA	48 KIPS	48 KIPS	0.00
	183.719								80# 0#	43	GONDOLA	38 KIPS	38 KIPS	0.00
	183.675								80# 0#	62	GONDOLA	24 KIPS	24 KIPS	0.00
	183.432								80# 0#	81	GONDOLA	13 KIPS	12 KIPS	0.00
	183.288								80# 0#	100	GONDOLA	1 KIPS	0 KIPS	0.00
	183.144								80# 0#	1	GM6C	22 KIPS	22 KIPS	0.12
0: 5:20	183.982	0	25	RUN	2	344	REL	REL	80# 0# 80:5 13:3	2	GM108	22 KIPS	52 KIPS	0.12
	183.969								80# 0#	3	SD40	52 KIPS	56 KIPS	0.13
	183.956								80# 0#	4	SD40	56 KIPS	60 KIPS	0.13
	183.844								80# 0#	5	GONDOLA	60 KIPS	59 KIPS	0.08
	183.931								80# 0#	24	GONDOLA	45 KIPS	48 KIPS	0.01
	183.788								80# 0#	43	GONDOLA	34 KIPS	34 KIPS	0.00
	183.644								80# 0#	62	GONDOLA	22 KIPS	22 KIPS	0.00
	183.500								80# 0#	81	GONDOLA	12 KIPS	11 KIPS	0.00
	183.356								80# 0#	100	GONDOLA	1 KIPS	0 KIPS	0.00
	183.212								80# 0#					
SDG M 184														
0: 5:23	184.000	0	25	RUN	2	342	REL	REL	80# 0# 59:5 13:3	1	GM6C	0 KIPS	22 KIPS	0.12
	183.987								80# 0#	2	GM108	22 KIPS	51 KIPS	0.12
	183.974								80# 0#	3	SD40	51 KIPS	55 KIPS	0.13
	183.962								80# 0#	4	SD40	55 KIPS	59 KIPS	0.12
	183.849								80# 0#	5	GONDOLA	59 KIPS	58 KIPS	0.09
	183.805								80# 0#	24	GONDOLA	43 KIPS	42 KIPS	0.08
	183.661								80# 0#	43	GONDOLA	31 KIPS	31 KIPS	0.00
	183.517								80# 0#	62	GONDOLA	21 KIPS	21 KIPS	0.00
	183.373								80# 0#	81	GONDOLA	11 KIPS	10 KIPS	0.00
	183.230								80# 0#	100	GONDOLA	1 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.00 DEGREE CURVE														

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS REL	339 REL	2 REL	0 REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	AFT	
0: 5:30	184.053	0	26	REL	REL	REL	REL	80# 0#	1	GM8C	0 KIPS	22 KIPS	0.12
	184.040							80# 0#	2	GM10B	22 KIPS	51 KIPS	0.12
	184.027							80# 0#	3	SD40	51 KIPS	58 KIPS	0.13
	184.015							80# 0#	4	SD40	58 KIPS	60 KIPS	0.13
	184.002							80# 0#	5	GONDOLA	60 KIPS	59 KIPS	0.10
	183.858							80# 0#	24	GONDOLA	44 KIPS	43 KIPS	0.09
	183.714							80# 0#	43	GONDOLA	31 KIPS	31 KIPS	0.08
	183.570							80# 0#	62	GONDOLA	21 KIPS	21 KIPS	0.00
	183.426							80# 0#	81	GONDOLA	11 KIPS	10 KIPS	0.00
	183.283							80# 0#	100	GONDOLA	1 KIPS	0 KIPS	0.00
0: 5:38	184.110	0	27	REL	REL	REL	REL	80# 0#	1	GM8C	0 KIPS	22 KIPS	0.00
	184.097							80# 0#	2	GM10B	22 KIPS	51 KIPS	0.00
	184.084							80# 0#	3	SD40	51 KIPS	58 KIPS	0.00
	184.072							80# 0#	4	SD40	58 KIPS	60 KIPS	0.01
	184.059							80# 0#	5	GONDOLA	60 KIPS	59 KIPS	0.08
	183.915							80# 0#	24	GONDOLA	48 KIPS	45 KIPS	0.08
	183.771							80# 0#	43	GONDOLA	31 KIPS	30 KIPS	0.00
	183.627							80# 0#	62	GONDOLA	21 KIPS	20 KIPS	0.00
	183.483							80# 0#	81	GONDOLA	11 KIPS	10 KIPS	0.00
	183.340							80# 0#	100	GONDOLA	1 KIPS	0 KIPS	0.00
-----> RUN 4													
0: 5:39	184.117	0	27	REL	REL	REL	REL	80# 0#	1	GM8C	0 KIPS	22 KIPS	0.00
	184.104							80# 0#	2	GM10B	22 KIPS	51 KIPS	0.00
	184.091							80# 0#	3	SD40	51 KIPS	58 KIPS	0.00
	184.078							80# 0#	4	SD40	58 KIPS	59 KIPS	0.00
	184.067							80# 0#	5	GONDOLA	59 KIPS	58 KIPS	0.00
	183.923							80# 0#	24	GONDOLA	48 KIPS	45 KIPS	0.08
	183.779							80# 0#	43	GONDOLA	30 KIPS	30 KIPS	0.00
	183.635							80# 0#	62	GONDOLA	20 KIPS	20 KIPS	0.00
	183.491							80# 0#	81	GONDOLA	11 KIPS	10 KIPS	0.00
	183.347							80# 0#	100	GONDOLA	1 KIPS	0 KIPS	0.00
0: 5:40	184.125	0	27	REL	REL	REL	REL	80# 0#	1	GM8C	0 KIPS	21 KIPS	0.00
	184.112							80# 0#	2	GM10B	21 KIPS	51 KIPS	0.00
	184.099							80# 0#	3	SD40	51 KIPS	58 KIPS	0.00
	184.086							80# 0#	4	SD40	58 KIPS	61 KIPS	0.00
	184.074							80# 0#	5	GONDOLA	61 KIPS	60 KIPS	0.00
	183.930							80# 0#	24	GONDOLA	47 KIPS	46 KIPS	0.08
	183.786							80# 0#	43	GONDOLA	31 KIPS	31 KIPS	0.00
	183.642							80# 0#	62	GONDOLA	21 KIPS	21 KIPS	0.00
	183.488							80# 0#	81	GONDOLA	11 KIPS	10 KIPS	0.00
	183.354							80# 0#	100	GONDOLA	1 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 1.31 % GRADE													

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	KIPS:CAR	L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
													DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0: 5:40	184.128	0	27	4	381	REL	REL	80#	0#	62:5	08:15	GM6C	0 KIPS	19 KIPS	0.00
	184.113							80#	0#			GM108	19 KIPS	51 KIPS	0.00
	184.100							80#	0#			SD40	51 KIPS	57 KIPS	0.00
	184.088							80#	0#			SD40	57 KIPS	62 KIPS	0.00
	184.076							80#	0#			GONDOLA	62 KIPS	48 KIPS	0.08
	183.932							80#	0#			GONDOLA	49 KIPS	33 KIPS	0.08
	183.788							80#	0#			GONDOLA	33 KIPS	21 KIPS	0.00
	183.644							80#	0#			GONDOLA	22 KIPS	11 KIPS	0.00
	183.500							80#	0#			GONDOLA	11 KIPS	0 KIPS	0.00
	183.356							80#	0#			GONDOLA	0 KIPS	37 KIPS	0.00
0: 5:50	184.203	0	28	4	588	REL	REL	80#	0#	110:5	08:19	GM6C	0 KIPS	37 KIPS	0.00
	184.180							80#	0#			GM108	37 KIPS	88 KIPS	0.00
	184.177							80#	0#			SD40	88 KIPS	110 KIPS	0.00
	184.164							80#	0#			SD40	110 KIPS	108 KIPS	0.00
	184.152							80#	0#			GONDOLA	108 KIPS	88 KIPS	0.08
	184.008							80#	0#			GONDOLA	89 KIPS	62 KIPS	0.08
	183.864							80#	0#			GONDOLA	63 KIPS	41 KIPS	0.00
	183.720							80#	0#			GONDOLA	42 KIPS	29 KIPS	0.00
	183.576							80#	0#			GONDOLA	21 KIPS	0 KIPS	0.00
	183.432							80#	0#			GONDOLA	1 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 3.50 DEGREE CURVE															
0: 6: 0	184.283	0	29	4	589	REL	REL	80#	0#	110:5	19:3	GM6C	0 KIPS	37 KIPS	0.14
	184.269							80#	0#			GM108	37 KIPS	88 KIPS	0.13
	184.256							80#	0#			SD40	88 KIPS	98 KIPS	0.18
	184.244							80#	0#			SD40	98 KIPS	110 KIPS	0.18
	184.232							80#	0#			GONDOLA	110 KIPS	105 KIPS	0.15
	184.088							80#	0#			GONDOLA	74 KIPS	73 KIPS	0.01
	183.944							80#	0#			GONDOLA	52 KIPS	51 KIPS	0.08
	183.800							80#	0#			GONDOLA	33 KIPS	32 KIPS	0.08
	183.656							80#	0#			GONDOLA	17 KIPS	16 KIPS	0.00
	183.512							80#	0#	110:5	13:3	GONDOLA	0 KIPS	0 KIPS	0.00
0: 6:10	184.364	0	30	4	583	REL	REL	80#	0#	110:5	13:3	GM6C	0 KIPS	37 KIPS	0.12
	184.351							80#	0#			GM108	37 KIPS	88 KIPS	0.12
	184.338							80#	0#			SD40	88 KIPS	98 KIPS	0.13
	184.326							80#	0#			SD40	98 KIPS	110 KIPS	0.12
	184.314							80#	0#			GONDOLA	110 KIPS	105 KIPS	0.09
	184.170							80#	0#			GONDOLA	38 KIPS	37 KIPS	0.00
	184.028							80#	0#			GONDOLA	28 KIPS	27 KIPS	0.08
	183.882							80#	0#			GONDOLA	16 KIPS	15 KIPS	0.08
	183.738							80#	0#			GONDOLA	7 KIPS	7 KIPS	0.00
	183.594							80#	0#			GONDOLA	0 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	SETTING IND	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
						PIPE	REL				FORE	AFT		
0: 6:19	184.440	0	30 RUN 4	582	REL	80#	0#	115:5	13:3	1	GM6C	0 KIPS	38 KIPS	0.11
	184.427					80#	0#			2	GM10B	38 KIPS	90 KIPS	0.11
	184.414					80#	0#			3	SD40	90 KIPS	103 KIPS	0.13
	184.402					80#	0#			4	SD40	103 KIPS	115 KIPS	0.12
	184.389					80#	0#			5	GONDOLA	115 KIPS	112 KIPS	0.08
	184.245					80#	0#			24	GONDOLA	50 KIPS	47 KIPS	0.08
	184.101					80#	0#			43	GONDOLA	-48 KIPS	4 KIPS	0.00
	183.957					80#	0#			62	GONDOLA	2 KIPS	2 KIPS	0.07
	183.813					80#	0#			81	GONDOLA	0 KIPS	0 KIPS	0.07
	183.670					80#	0#			100	GONDOLA	0 KIPS	0 KIPS	0.00
-----> RUN 6														
0: 6:20	184.448	0	30 RUN 6	598	REL	80#	0#	115:5	13:3	1	GM6C	0 KIPS	38 KIPS	0.11
	184.434					80#	0#			2	GM10B	38 KIPS	91 KIPS	0.11
	184.421					80#	0#			3	SD40	91 KIPS	103 KIPS	0.13
	184.409					80#	0#			4	SD40	103 KIPS	115 KIPS	0.12
	184.397					80#	0#			5	GONDOLA	115 KIPS	112 KIPS	0.08
	184.253					80#	0#			24	GONDOLA	50 KIPS	47 KIPS	0.08
	184.109					80#	0#			43	GONDOLA	-35 KIPS	-48 KIPS	0.00
	183.965					80#	0#			62	GONDOLA	2 KIPS	2 KIPS	0.07
	183.821					80#	0#			81	GONDOLA	0 KIPS	0 KIPS	0.07
	183.677					80#	0#			100	GONDOLA	0 KIPS	0 KIPS	0.00
0: 6:21	184.458	0	30 RUN 6	605	REL	80#	0#	117:5	13:3	1	GM6C	0 KIPS	38 KIPS	0.11
	184.443					80#	0#			2	GM10B	38 KIPS	92 KIPS	0.11
	184.430					80#	0#			3	SD40	92 KIPS	104 KIPS	0.13
	184.417					80#	0#			4	SD40	104 KIPS	117 KIPS	0.12
	184.405					80#	0#			5	GONDOLA	117 KIPS	114 KIPS	0.08
	184.261					80#	0#			24	GONDOLA	51 KIPS	48 KIPS	0.08
	184.117					80#	0#			43	GONDOLA	-23 KIPS	-31 KIPS	0.01
	183.973					80#	0#			62	GONDOLA	2 KIPS	2 KIPS	0.07
	183.829					80#	0#			81	GONDOLA	-4 KIPS	0 KIPS	0.07
	183.685					80#	0#			100	GONDOLA	0 KIPS	0 KIPS	0.00
0: 6:30	184.531	0	30 RUN 6	838	REL	80#	0#	187:5	14:3	1	GM6C	0 KIPS	58 KIPS	0.12
	184.518					80#	0#			2	GM10B	58 KIPS	138 KIPS	0.12
	184.505					80#	0#			3	SD40	138 KIPS	183 KIPS	0.14
	184.492					80#	0#			4	SD40	183 KIPS	187 KIPS	0.12
	184.480					80#	0#			5	GONDOLA	187 KIPS	183 KIPS	0.09
	184.338					80#	0#			24	GONDOLA	111 KIPS	107 KIPS	0.09
	184.192					80#	0#			43	GONDOLA	56 KIPS	53 KIPS	0.01
	184.048					80#	0#			62	GONDOLA	2 KIPS	2 KIPS	0.07
	183.904					80#	0#			81	GONDOLA	-4 KIPS	-5 KIPS	0.07
	183.760					80#	0#			100	GONDOLA	0 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.00 DEGREE CURVE														

QCM E-D-98/0/

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	FORCES AFT	
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
0: 6:40	184.615	0	30	RUN	8	839	REL	REL	80#	0#	0#	192:5	.31:3
	184.602								80#	0#	0#	59 KIPS	0.11
	184.589								80#	0#	0#	141 KIPS	0.24
	184.578								80#	0#	0#	167 KIPS	0.31
	184.564								80#	0#	0#	192 KIPS	0.14
	184.420								80#	0#	0#	189 KIPS	0.10
	184.276								80#	0#	0#	124 KIPS	0.08
	184.132								80#	0#	0#	59 KIPS	0.08
	183.988								80#	0#	0#	1 KIPS	0.00
	183.844								80#	0#	0#	36 KIPS	0.07
									80#	0#	0#	10 KIPS	0.07
									80#	0#	0#	5 KIPS	0.07
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
0: 6:50	184.698	0	30	RUN	8	843	REL	REL	80#	0#	0#	194:5	.40:4
	184.685								80#	0#	0#	60 KIPS	0.12
	184.672								80#	0#	0#	142 KIPS	0.26
	184.660								80#	0#	0#	168 KIPS	0.23
	184.647								80#	0#	0#	194 KIPS	0.40
	184.504								80#	0#	0#	194 KIPS	0.34
	184.380								80#	0#	0#	133 KIPS	0.08
	184.216								80#	0#	0#	71 KIPS	0.08
	184.072								80#	0#	0#	25 KIPS	0.00
	183.928								80#	0#	0#	28 KIPS	0.00
	184.780	0	29	RUN	8	852	REL	REL	80#	0#	0#	-102 KIPS	0.07
	184.767								80#	0#	0#	-3 KIPS	0.07
	184.754								80#	0#	0#	0 KIPS	0.12
	184.742								80#	0#	0#	61 KIPS	0.12
	184.729								80#	0#	0#	143 KIPS	0.15
	184.585								80#	0#	0#	171 KIPS	0.15
	184.442								80#	0#	0#	198 KIPS	0.32
	184.288								80#	0#	0#	195 KIPS	0.28
	184.154								80#	0#	0#	145 KIPS	0.11
	184.010								80#	0#	0#	88 KIPS	0.08
	184.860	0	28	RUN	8	865	REL	REL	80#	0#	0#	33 KIPS	0.08
	184.847								80#	0#	0#	-76 KIPS	0.03
	184.833								80#	0#	0#	-92 KIPS	0.07
	184.821								80#	0#	0#	0 KIPS	0.12
	184.809								80#	0#	0#	83 KIPS	0.12
	184.685								80#	0#	0#	63 KIPS	0.15
	184.521								80#	0#	0#	147 KIPS	0.15
	184.377								80#	0#	0#	176 KIPS	0.33
	184.233								80#	0#	0#	178 KIPS	0.33
	184.089								80#	0#	0#	205 KIPS	0.27
									80#	0#	0#	203 KIPS	0.37
									80#	0#	0#	157 KIPS	0.11
									80#	0#	0#	113 KIPS	0.08
									80#	0#	0#	65 KIPS	0.08
									80#	0#	0#	83 KIPS	0.08
									80#	0#	0#	59 KIPS	0.08
									80#	0#	0#	0 KIPS	0.00
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
-----> TRAIN ENTERING 2.50 DEGREE CURVE													

STATION TIME	MP	SPEED LMT RUN	THTLE RUN	ALPS REL	SETTING REL	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0: 7:20	184.938	0	27	884	REL	REL	80#	0#	1	GMBC	0 KIPS	65 KIPS	0.13
	184.923						80#	0#	2	GM10B	65 KIPS	151 KIPS	0.29
	184.910						80#	0#	3	SD40	151 KIPS	182 KIPS	0.34
	184.897						80#	0#	4	SD40	182 KIPS	213 KIPS	0.15
	184.885						80#	0#	5	GONDOLA	213 KIPS	211 KIPS	0.10
	184.741						80#	0#	24	GONDOLA	169 KIPS	167 KIPS	0.10
	184.597						80#	0#	43	GONDOLA	128 KIPS	128 KIPS	0.10
	184.453						80#	0#	62	GONDOLA	85 KIPS	83 KIPS	0.08
	184.309						80#	0#	81	GONDOLA	42 KIPS	40 KIPS	0.08
	184.185						80#	0#	100	GONDOLA	16 KIPS	0 KIPS	0.00
0: 7:30	185.008	0	25	903	REL	REL	80#	0#	1	GMBC	0 KIPS	68 KIPS	0.08
	184.995						80#	0#	2	GM10B	68 KIPS	153 KIPS	0.17
	184.982						80#	0#	3	SD40	153 KIPS	187 KIPS	0.25
	184.970						80#	0#	4	SD40	187 KIPS	220 KIPS	0.29
	184.957						80#	0#	5	GONDOLA	220 KIPS	217 KIPS	0.26
	184.813						80#	0#	24	GONDOLA	178 KIPS	174 KIPS	0.10
	184.669						80#	0#	43	GONDOLA	131 KIPS	129 KIPS	0.13
	184.525						80#	0#	62	GONDOLA	90 KIPS	88 KIPS	0.09
	184.381						80#	0#	81	GONDOLA	48 KIPS	44 KIPS	0.08
	184.238						80#	0#	100	GONDOLA	2 KIPS	0 KIPS	0.08
0: 7:40	185.077	0	24	922	REL	REL	80#	0#	1	GMBC	0 KIPS	68 KIPS	0.07
	185.063						80#	0#	2	GM10B	68 KIPS	158 KIPS	0.08
	185.050						80#	0#	3	SD40	158 KIPS	190 KIPS	0.13
	185.038						80#	0#	4	SD40	190 KIPS	225 KIPS	0.20
	185.028						80#	0#	5	GONDOLA	225 KIPS	223 KIPS	0.19
	184.882						80#	0#	24	GONDOLA	181 KIPS	179 KIPS	0.11
	184.738						80#	0#	43	GONDOLA	135 KIPS	133 KIPS	0.10
	184.594						80#	0#	62	GONDOLA	92 KIPS	90 KIPS	0.10
	184.450						80#	0#	81	GONDOLA	47 KIPS	45 KIPS	0.09
	184.306						80#	0#	100	GONDOLA	2 KIPS	0 KIPS	0.08
0: 7:50	185.141	0	23	941	REL	REL	80#	0#	1	GMBC	0 KIPS	70 KIPS	0.08
	185.128						80#	0#	2	GM10B	70 KIPS	160 KIPS	0.09
	185.115						80#	0#	3	SD40	160 KIPS	195 KIPS	0.13
	185.103						80#	0#	4	SD40	195 KIPS	231 KIPS	0.15
	185.091						80#	0#	5	GONDOLA	231 KIPS	229 KIPS	0.20
	184.947						80#	0#	24	GONDOLA	186 KIPS	184 KIPS	0.11
	184.803						80#	0#	43	GONDOLA	140 KIPS	138 KIPS	0.10
	184.659						80#	0#	62	GONDOLA	93 KIPS	90 KIPS	0.14
	184.515						80#	0#	81	GONDOLA	49 KIPS	47 KIPS	0.09
	184.371						80#	0#	100	GONDOLA	2 KIPS	0 KIPS	0.08

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0: 8: 0	185.203	0	22	RUN	6	959	REL	REL	80#	0#	0#	0#	0.08
	185.190								80#	0#	0#	0#	0.09
	185.177								80#	0#	0#	0#	0.14
	185.165								80#	0#	0#	0#	0.15
	185.152								80#	0#	0#	0#	0.20
	185.008								80#	0#	0#	0#	0.07
	184.884								80#	0#	0#	0#	0.11
	184.720								80#	0#	0#	0#	0.11
	184.578								80#	0#	0#	0#	0.09
	184.433								80#	0#	0#	0#	0.08
0: 8: 10	185.261	0	20	RUN	6	975	REL	REL	80#	0#	0#	0#	0.08
	185.248								80#	0#	0#	0#	0.10
	185.235								80#	0#	0#	0#	0.10
	185.223								80#	0#	0#	0#	0.09
	185.211								80#	0#	0#	0#	0.07
	185.067								80#	0#	0#	0#	0.11
	184.923								80#	0#	0#	0#	0.10
	184.779								80#	0#	0#	0#	0.10
	184.635								80#	0#	0#	0#	0.09
	184.491								80#	0#	0#	0#	0.08
0: 8: 20	185.317	0	19	RUN	6	0	REL	REL	80#	0#	0#	0#	0.10
	185.304								80#	0#	0#	0#	0.10
	185.290								80#	0#	0#	0#	0.10
	185.278								80#	0#	0#	0#	0.10
	185.266								80#	0#	0#	0#	0.10
	185.122								80#	0#	0#	0#	0.14
	184.978								80#	0#	0#	0#	0.11
	184.834								80#	0#	0#	0#	0.10
	184.690								80#	0#	0#	0#	0.09
	184.546								80#	0#	0#	0#	0.08
0: 8: 21	185.322	0	19	RUN	6	994	REL	REL	80#	0#	0#	0#	0.09
	185.309								80#	0#	0#	0#	0.10
	185.296								80#	0#	0#	0#	0.10
	185.284								80#	0#	0#	0#	0.09
	185.271								80#	0#	0#	0#	0.07
	185.127								80#	0#	0#	0#	0.07
	184.983								80#	0#	0#	0#	0.11
	184.839								80#	0#	0#	0#	0.11
	184.695								80#	0#	0#	0#	0.11
	184.552								80#	0#	0#	0#	0.11

QCM E-D-98/0/

STATION TIME	MP	SPEED LMT RUN	THRTLE AMP	BRAKES TRN IND PIPE CYL	SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
									DRABAR FORCES FORE	AFT					
O: 8:22	185.327	0	19	RUN	6	996 REL REL	80#	0#	237:5	11:54	1	GM6C	0 KIPS	55 KIPS	0.08
	185.314						80#	0#			2	GM10B	55 KIPS	147 KIPS	0.09
	185.301						80#	0#			3	SD40	147 KIPS	182 KIPS	0.10
	185.289						80#	0#			4	SD40	192 KIPS	237 KIPS	0.10
	185.277						80#	0#			5	GONDOLA	237 KIPS	236 KIPS	0.10
	185.133						80#	0#			24	GONDOLA	204 KIPS	202 KIPS	0.07
	184.989						80#	0#			43	GONDOLA	179 KIPS	177 KIPS	0.07
	184.845						80#	0#			62	GONDOLA	151 KIPS	150 KIPS	0.11
	184.701						80#	0#			81	GONDOLA	122 KIPS	120 KIPS	0.11
	184.557						80#	0#			100	GONDOLA	96 KIPS	0 KIPS	0.10
O: 8:23	185.333	0	19	RUN	6	997 REL REL	80#	0#	248:5	18:52	1	GM6C	0 KIPS	83 KIPS	0.08
	185.320						80#	0#			2	GM10B	83 KIPS	155 KIPS	0.08
	185.308						80#	0#			3	SD40	155 KIPS	200 KIPS	0.10
	185.294						80#	0#			4	SD40	200 KIPS	246 KIPS	0.10
	185.282						80#	0#			5	GONDOLA	246 KIPS	244 KIPS	0.10
	185.138						80#	0#			24	GONDOLA	205 KIPS	202 KIPS	0.07
	184.994						80#	0#			43	GONDOLA	170 KIPS	169 KIPS	0.11
	184.850						80#	0#			62	GONDOLA	135 KIPS	133 KIPS	0.11
	184.706						80#	0#			81	GONDOLA	98 KIPS	98 KIPS	0.11
	184.562						80#	0#			100	GONDOLA	84 KIPS	0 KIPS	0.10
O: 8:30	184.952						80#	0#	259:5	18:57	1	GM6C	0 KIPS	75 KIPS	0.08
	185.369	0	18	RUN	6	1007 REL REL	80#	0#			2	GM10B	75 KIPS	166 KIPS	0.10
	185.356						80#	0#			3	SD40	166 KIPS	213 KIPS	0.10
	185.343						80#	0#			4	SD40	213 KIPS	259 KIPS	0.11
	185.330						80#	0#			5	GONDOLA	259 KIPS	258 KIPS	0.13
	185.318						80#	0#			24	GONDOLA	208 KIPS	206 KIPS	0.07
	185.174						80#	0#			43	GONDOLA	161 KIPS	160 KIPS	0.07
	185.030						80#	0#			62	GONDOLA	125 KIPS	122 KIPS	0.11
	184.886						80#	0#			81	GONDOLA	82 KIPS	80 KIPS	0.11
	184.742						80#	0#			100	GONDOLA	43 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 0.00 DEGREE CURVE															
O: 8:40	185.418	0	17	RUN	6	1020 REL REL	80#	0#	267:5	19:3	1	GM6C	0 KIPS	76 KIPS	0.12
	185.405						80#	0#			2	GM10B	76 KIPS	168 KIPS	0.15
	185.392						80#	0#			3	SD40	168 KIPS	217 KIPS	0.19
	185.380						80#	0#			4	SD40	217 KIPS	267 KIPS	0.11
	185.368						80#	0#			5	GONDOLA	267 KIPS	264 KIPS	0.13
	185.224						80#	0#			24	GONDOLA	215 KIPS	212 KIPS	0.08
	185.080						80#	0#			43	GONDOLA	163 KIPS	160 KIPS	0.07
	184.936						80#	0#			62	GONDOLA	111 KIPS	108 KIPS	0.15
	184.792						80#	0#			81	GONDOLA	57 KIPS	54 KIPS	0.11
	184.648						80#	0#			100	GONDOLA	3 KIPS	0 KIPS	0.10

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS REL	SETTING REL	BRAKES TRN IND PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	AFT	
O: 8:50	185.468	0	17	RUN	6	1033	REL	REL	1	GMSC	0 KIPS	77 KIPS	0.00
	185.453								2	GM108	77 KIPS	169 KIPS	0.25
	185.440								3	SD40	169 KIPS	222 KIPS	0.38
	185.427								4	SD40	222 KIPS	274 KIPS	0.37
	185.415								5	GONDOLA	274 KIPS	272 KIPS	0.25
	185.271								24	GONDOLA	221 KIPS	218 KIPS	0.08
	185.127								43	GONDOLA	168 KIPS	168 KIPS	0.07
	184.983								62	GONDOLA	114 KIPS	111 KIPS	0.07
	184.839								81	GONDOLA	59 KIPS	57 KIPS	0.11
	184.895								100	GONDOLA	3 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 3.00 DEGREE CURVE													
O: 9: 0	185.511	0	15	RUN	6	1044	REL	REL	1	GMSC	0 KIPS	77 KIPS	0.19
	185.498								2	GM108	77 KIPS	170 KIPS	0.30
	185.485								3	SD40	170 KIPS	228 KIPS	0.28
	185.472								4	SD40	228 KIPS	280 KIPS	0.00
	185.460								5	GONDOLA	280 KIPS	277 KIPS	0.00
	185.316								24	GONDOLA	227 KIPS	224 KIPS	0.08
	185.172								43	GONDOLA	172 KIPS	169 KIPS	0.07
	185.028								62	GONDOLA	116 KIPS	113 KIPS	0.07
	184.884								81	GONDOLA	61 KIPS	58 KIPS	0.11
	184.740								100	GONDOLA	3 KIPS	0 KIPS	0.10
O: 9:10	185.554	0	15	RUN	6	1054	REL	REL	1	GMSC	0 KIPS	78 KIPS	0.12
	185.541								2	GM108	78 KIPS	170 KIPS	0.30
	185.528								3	SD40	170 KIPS	228 KIPS	0.40
	185.515								4	SD40	228 KIPS	285 KIPS	0.34
	185.503								5	GONDOLA	285 KIPS	282 KIPS	0.28
	185.359								24	GONDOLA	231 KIPS	228 KIPS	0.08
	185.215								43	GONDOLA	175 KIPS	172 KIPS	0.07
	185.071								62	GONDOLA	118 KIPS	115 KIPS	0.07
	184.927								81	GONDOLA	62 KIPS	59 KIPS	0.11
	184.783								100	GONDOLA	3 KIPS	0 KIPS	0.10
O: 9:20	185.595	0	15	RUN	6	1063	REL	REL	1	GMSC	0 KIPS	78 KIPS	0.10
	185.582								2	GM108	78 KIPS	171 KIPS	0.12
	185.569								3	SD40	171 KIPS	231 KIPS	0.13
	185.557								4	SD40	231 KIPS	281 KIPS	0.13
	185.544								5	GONDOLA	281 KIPS	288 KIPS	0.11
	185.400								24	GONDOLA	238 KIPS	233 KIPS	0.14
	185.256								43	GONDOLA	178 KIPS	175 KIPS	0.07
	185.113								62	GONDOLA	120 KIPS	117 KIPS	0.07
	184.968								81	GONDOLA	62 KIPS	59 KIPS	0.07
	184.825								100	GONDOLA	3 KIPS	0 KIPS	0.10

STATION TIME	MP	SPEED LMT RUN	THITLE TRN IND	AMPS PIPE	SETTING CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORE	FORCES AFT	
0: 9:30	185.635	0	14	RUN	6	1071	REL	REL	80#	0#	297:5	.29:16
	185.622								80#	0#		
	185.609								80#	0#		
	185.596								80#	0#		
	185.584								80#	0#		
	185.440								80#	0#		
	185.298								80#	0#		
	185.152								80#	0#		
	185.008								80#	0#		
	184.864								80#	0#		
-----> TRAIN ENTERING 0.53 % GRADE												
0: 9:40	185.673	0	14	RUN	6	1079	REL	REL	80#	0#	310:5	.28:18
	185.660								80#	0#		
	185.647								80#	0#		
	185.634								80#	0#		
	185.622								80#	0#		
	185.478								80#	0#		
	185.334								80#	0#		
	185.190								80#	0#		
	185.048								80#	0#		
	184.902								80#	0#		
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
0: 9:50	185.710	0	13	RUN	6	1084	REL	REL	80#	0#	315:5	.38:3
	185.697								80#	0#		
	185.684								80#	0#		
	185.672								80#	0#		
	185.659								80#	0#		
	185.515								80#	0#		
	185.371								80#	0#		
	185.227								80#	0#		
	185.083								80#	0#		
	184.940								80#	0#		
0:10: 0	185.748	0	13	RUN	6	1088	REL	REL	80#	0#	315:5	.38:4
	185.733								80#	0#		
	185.720								80#	0#		
	185.708								80#	0#		
	185.695								80#	0#		
	185.651								80#	0#		
	185.408								80#	0#		
	185.264								80#	0#		
	185.120								80#	0#		
	184.976								80#	0#		

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	AFT	
0:10:10	185.782	0	13 RUN 6	1091	REL	REL	80#	0#	315:5	.27:33	0 KIPS	84 KIPS	0.00
	185.769						80#	0#			84 KIPS	179 KIPS	0.00
	185.756						80#	0#			179 KIPS	247 KIPS	0.00
	185.743						80#	0#			247 KIPS	315 KIPS	0.00
	185.731						80#	0#			315 KIPS	314 KIPS	0.00
	185.587						80#	0#			273 KIPS	270 KIPS	0.10
	185.443						80#	0#			208 KIPS	203 KIPS	0.00
	185.299						80#	0#			140 KIPS	136 KIPS	0.07
	185.155						80#	0#			72 KIPS	68 KIPS	0.07
	185.011						80#	0#			4 KIPS	0 KIPS	0.08
-----> TRAIN ENTERING 3.00 DEGREE CURVE													
0:10:20	185.817	0	13 RUN 6	1092	REL	REL	80#	0#	315:5	.27:13	0 KIPS	84 KIPS	0.23
	185.804						80#	0#			84 KIPS	179 KIPS	0.14
	185.791						80#	0#			179 KIPS	247 KIPS	0.00
	185.779						80#	0#			247 KIPS	315 KIPS	0.00
	185.766						80#	0#			315 KIPS	314 KIPS	0.00
	185.622						80#	0#			281 KIPS	277 KIPS	0.10
	185.478						80#	0#			210 KIPS	207 KIPS	0.01
	185.334						80#	0#			143 KIPS	140 KIPS	0.07
	185.191						80#	0#			74 KIPS	70 KIPS	0.07
	185.047						80#	0#			4 KIPS	0 KIPS	0.08
0:10:30	185.852	0	13 RUN 6	1092	REL	REL	80#	0#	314:5	.42:4	0 KIPS	83 KIPS	0.20
	185.839						80#	0#			83 KIPS	178 KIPS	0.31
	185.826						80#	0#			178 KIPS	246 KIPS	0.42
	185.814						80#	0#			246 KIPS	314 KIPS	0.42
	185.801						80#	0#			314 KIPS	312 KIPS	0.36
	185.657						80#	0#			283 KIPS	281 KIPS	0.10
	185.514						80#	0#			215 KIPS	211 KIPS	0.25
	185.370						80#	0#			147 KIPS	143 KIPS	0.07
	185.226						80#	0#			75 KIPS	71 KIPS	0.07
	185.082						80#	0#			4 KIPS	0 KIPS	0.08
0:10:40	185.887	0	13 RUN 6	1091	REL	REL	80#	0#	312:5	.37:4	0 KIPS	83 KIPS	0.12
	185.874						80#	0#			83 KIPS	178 KIPS	0.12
	185.861						80#	0#			178 KIPS	245 KIPS	0.13
	185.849						80#	0#			245 KIPS	312 KIPS	0.37
	185.837						80#	0#			312 KIPS	310 KIPS	0.28
	185.823						80#	0#			282 KIPS	280 KIPS	0.18
	185.549						80#	0#			221 KIPS	217 KIPS	0.09
	185.405						80#	0#			150 KIPS	146 KIPS	0.08
	185.261						80#	0#			77 KIPS	73 KIPS	0.07
	185.117						80#	0#			4 KIPS	0 KIPS	0.06

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
							REL	REL				DRANBAR FORCES FORE	DRANBAR FORCES AFT			
0:10:50	185.923	0	13	RUN	6	1089	REL	80#	0#	311:5	.32:9	1	GM6C	0 KIPS	83 KIPS	0.12
	185.910							80#	0#			2	GM10B	83 KIPS	177 KIPS	0.12
	185.897							30#	0#	SD40		3	SD40	177 KIPS	244 KIPS	0.13
	185.884							80#	0#	SD40		4	SD40	244 KIPS	311 KIPS	0.13
	185.872							80#	0#			5	GONDOLA	311 KIPS	309 KIPS	0.15
	185.728							80#	0#			24	GONDOLA	279 KIPS	277 KIPS	0.02
	185.584							80#	0#			43	GONDOLA	226 KIPS	222 KIPS	0.09
	185.440							80#	0#			62	GONDOLA	152 KIPS	148 KIPS	0.00
	185.298							80#	0#			81	GONDOLA	79 KIPS	75 KIPS	0.07
	135.152							80#	0#			100	GONDOLA	4 KIPS	0 KIPS	0.06
0:11:0	185.959	0	13	RUN	6	1086	REL	80#	0#	311:5	.31:16	1	GM6C	0 KIPS	83 KIPS	0.12
	185.946							80#	0#			2	GM10B	83 KIPS	177 KIPS	0.12
	185.933							80#	0#	SD40		3	SD40	177 KIPS	244 KIPS	0.13
	185.920							80#	0#	SD40		4	SD40	244 KIPS	311 KIPS	0.13
	185.908							80#	0#			5	GONDOLA	311 KIPS	309 KIPS	0.15
	185.764							80#	0#			24	GONDOLA	275 KIPS	273 KIPS	0.00
	185.620							80#	0#			43	GONDOLA	231 KIPS	227 KIPS	0.09
	185.476							80#	0#			62	GONDOLA	154 KIPS	150 KIPS	0.00
	185.332							80#	0#			81	GONDOLA	80 KIPS	78 KIPS	0.07
	185.188							80#	0#			100	GONDOLA	4 KIPS	0 KIPS	0.06
0:11:10	185.998	0	13	RUN	6	1082	REL	80#	0#	310:5	.30:18	1	GM6C	82 KIPS	82 KIPS	0.12
	185.983							80#	0#			2	GM10B	82 KIPS	176 KIPS	0.12
	185.969							80#	0#	SD40		3	SD40	176 KIPS	243 KIPS	0.13
	185.957							80#	0#	SD40		4	SD40	243 KIPS	310 KIPS	0.13
	185.945							80#	0#			5	GONDOLA	310 KIPS	308 KIPS	0.12
	185.801							80#	0#			24	GONDOLA	271 KIPS	269 KIPS	0.03
	185.657							80#	0#			43	GONDOLA	233 KIPS	230 KIPS	0.09
	185.513							80#	0#			62	GONDOLA	157 KIPS	153 KIPS	0.10
	185.369							80#	0#			81	GONDOLA	82 KIPS	78 KIPS	0.07
	185.225							80#	0#			100	GONDOLA	4 KIPS	0 KIPS	0.06
0:11:20	185.033	0	14	RUN	6	1077	REL	80#	0#	308:5	.19:67	1	GM6C	82 KIPS	82 KIPS	0.10
	185.020							80#	0#			2	GM10B	82 KIPS	176 KIPS	0.12
	185.007							80#	0#	SD40		3	SD40	176 KIPS	242 KIPS	0.13
	185.995							80#	0#	SD40		4	SD40	242 KIPS	309 KIPS	0.13
	185.982							80#	0#			5	GONDOLA	309 KIPS	308 KIPS	0.12
	185.839							80#	0#			24	GONDOLA	267 KIPS	265 KIPS	0.11
	185.695							80#	0#			43	GONDOLA	230 KIPS	228 KIPS	0.10
	185.551							80#	0#			62	GONDOLA	160 KIPS	156 KIPS	0.09
	185.407							80#	0#			81	GONDOLA	83 KIPS	79 KIPS	0.07
	185.263							80#	0#			100	GONDOLA	4 KIPS	0 KIPS	0.06

STATION TIME	MP	SPEED LMT RUN	THYLE AMP	SETTING TRN INO PIPE	PRESSURE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
										DRANBAR FORCES FORE	AFT			
0:11:30	186.072	0	14	RUN 8	1071	REL	80# 0#	308:5	.17:71	1	GM6C	0 KIPS	81 KIPS	0.10
	186.059						80# 0#			2	GM108	81 KIPS	175 KIPS	0.12
	186.046						80# 0#			3	SD40	175 KIPS	240 KIPS	0.13
	186.033						80# 0#			4	SD40	240 KIPS	306 KIPS	0.13
	186.021						80# 0#			5	GONDOLA	306 KIPS	303 KIPS	0.12
	185.877						80# 0#			24	GONDOLA	263 KIPS	260 KIPS	0.10
	185.733						80# 0#			43	GONDOLA	224 KIPS	222 KIPS	0.00
	185.589						80# 0#			62	GONDOLA	183 KIPS	158 KIPS	0.08
	185.445						80# 0#			81	GONDOLA	83 KIPS	79 KIPS	0.00
	185.301						80# 0#			100	GONDOLA	4 KIPS	0 KIPS	0.06
0:11:40	186.112	0	15	RUN 8	1084	REL	REL	301:5	.27:33	1	GM6C	0 KIPS	81 KIPS	0.10
	186.099						80# 0#			2	GM108	81 KIPS	174 KIPS	0.12
	186.086						80# 0#			3	SD40	174 KIPS	237 KIPS	0.13
	186.073						80# 0#			4	SD40	237 KIPS	301 KIPS	0.13
	186.061						80# 0#			5	GONDOLA	301 KIPS	299 KIPS	0.12
	185.917						80# 0#			24	GONDOLA	257 KIPS	256 KIPS	0.10
	185.773						80# 0#			43	GONDOLA	216 KIPS	214 KIPS	0.00
	185.629						80# 0#			62	GONDOLA	185 KIPS	161 KIPS	0.08
	185.485						80# 0#			81	GONDOLA	83 KIPS	79 KIPS	0.02
	185.341						80# 0#			100	GONDOLA	4 KIPS	0 KIPS	0.06
0:11:50	186.153	0	15	RUN 8	1057	REL	REL	296:5	.24:42	1	GM6C	0 KIPS	80 KIPS	0.10
	186.140						80# 0#			2	GM108	80 KIPS	173 KIPS	0.12
	186.127						80# 0#			3	SD40	173 KIPS	234 KIPS	0.13
	186.115						80# 0#			4	SD40	234 KIPS	296 KIPS	0.13
	186.102						80# 0#			5	GONDOLA	296 KIPS	293 KIPS	0.11
	185.958						80# 0#			24	GONDOLA	251 KIPS	249 KIPS	0.09
	185.814						80# 0#			43	GONDOLA	207 KIPS	206 KIPS	0.24
	185.670						80# 0#			62	GONDOLA	185 KIPS	161 KIPS	0.09
	185.528						80# 0#			81	GONDOLA	84 KIPS	80 KIPS	0.08
	185.383						80# 0#			100	GONDOLA	4 KIPS	0 KIPS	0.06
-----> TRAIN ENTERING 0.00 DEGREE CURVE														
0:12:0	186.196	0	16	RUN 8	1049	REL	REL	290:5	.37:3	1	GM6C	0 KIPS	79 KIPS	0.13
	186.183						80# 0#			2	GM108	79 KIPS	172 KIPS	0.28
	186.169						80# 0#			3	SD40	172 KIPS	231 KIPS	0.37
	186.157						80# 0#			4	SD40	231 KIPS	290 KIPS	0.19
	186.145						80# 0#			5	GONDOLA	290 KIPS	288 KIPS	0.11
	186.001						80# 0#			24	GONDOLA	244 KIPS	242 KIPS	0.09
	185.857						80# 0#			43	GONDOLA	199 KIPS	186 KIPS	0.16
	185.713						80# 0#			62	GONDOLA	157 KIPS	155 KIPS	0.09
	185.569						80# 0#			81	GONDOLA	86 KIPS	82 KIPS	0.08
	185.425						80# 0#			100	GONDOLA	4 KIPS	0 KIPS	0.06

STATION TIME	MP	SPEED LMT RUN	THRTLE AMPS	BRAKES SETTING TRN IND PIPE CYL	PRESSURE KIPS:CAR L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRABAR FORCES FORE	DRABAR FORCES AFT	
0:12:10	186.240	0	16 RUN 6	1040 REL REL	80# 0#	288:5	1	GM5C	0 KIPS	79 KIPS	0.00
	186.227				80# 0#		2	GM10B	79 KIPS	172 KIPS	0.04
	186.214				80# 0#		3	SD40	172 KIPS	229 KIPS	0.39
	186.201				80# 0#		4	SD40	229 KIPS	286 KIPS	0.39
	186.189				80# 0#		5	GONDOLA	286 KIPS	283 KIPS	0.28
	186.045				80# 0#		24	GONDOLA	239 KIPS	238 KIPS	0.09
	185.901				80# 0#		43	GONDOLA	192 KIPS	189 KIPS	0.09
	185.757				80# 0#		62	GONDOLA	149 KIPS	148 KIPS	0.00
	185.613				80# 0#		81	GONDOLA	89 KIPS	84 KIPS	0.08
	185.469				80# 0#		100	GONDOLA	4 KIPS	0 KIPS	0.00
0:12:20	186.285	0	17 RUN 6	1031 REL REL	80# 0#	281:5	1	GM5C	0 KIPS	78 KIPS	0.00
	186.273				80# 0#		2	GM10B	78 KIPS	171 KIPS	0.00
	186.260				80# 0#		3	SD40	171 KIPS	228 KIPS	0.00
	186.247				80# 0#		4	SD40	228 KIPS	281 KIPS	0.00
	186.235				80# 0#		5	GONDOLA	281 KIPS	278 KIPS	0.00
	186.091				80# 0#		24	GONDOLA	234 KIPS	231 KIPS	0.09
	185.947				80# 0#		43	GONDOLA	188 KIPS	183 KIPS	0.09
	185.803				80# 0#		62	GONDOLA	139 KIPS	137 KIPS	0.02
	185.659				80# 0#		81	GONDOLA	90 KIPS	86 KIPS	0.08
	185.515				80# 0#		100	GONDOLA	5 KIPS	0 KIPS	0.07
-----> TRAIN ENTERING 0.98 % GRADE											
-----> TRAIN ENTERING 3.00 DEGREE CURVE											
0:12:30	186.333	0	18 RUN 6	1021 REL REL	80# 0#	274:5	1	GM5C	0 KIPS	77 KIPS	0.10
	186.320				80# 0#		2	GM10B	77 KIPS	170 KIPS	0.02
	186.307				80# 0#		3	SD40	170 KIPS	222 KIPS	0.00
	186.295				80# 0#		4	SD40	222 KIPS	274 KIPS	0.00
	186.283				80# 0#		5	GONDOLA	274 KIPS	272 KIPS	0.00
	186.139				80# 0#		24	GONDOLA	228 KIPS	225 KIPS	0.09
	185.985				80# 0#		43	GONDOLA	178 KIPS	178 KIPS	0.09
	185.851				80# 0#		62	GONDOLA	129 KIPS	127 KIPS	0.12
	185.707				80# 0#		81	GONDOLA	85 KIPS	82 KIPS	0.09
	185.563				80# 0#		100	GONDOLA	5 KIPS	0 KIPS	0.07
0:12:40	186.383	0	18 RUN 6	1011 REL REL	80# 0#	282:5	1	GM5C	0 KIPS	74 KIPS	0.19
	186.370				80# 0#		2	GM10B	74 KIPS	165 KIPS	0.30
	186.357				80# 0#		3	SD40	165 KIPS	213 KIPS	0.39
	186.345				80# 0#		4	SD40	213 KIPS	262 KIPS	0.28
	186.332				80# 0#		5	GONDOLA	262 KIPS	260 KIPS	0.29
	186.188				80# 0#		24	GONDOLA	217 KIPS	215 KIPS	0.12
	186.044				80# 0#		43	GONDOLA	168 KIPS	165 KIPS	0.08
	185.900				80# 0#		62	GONDOLA	118 KIPS	115 KIPS	0.08
	185.757				80# 0#		81	GONDOLA	72 KIPS	69 KIPS	0.00
	185.613				80# 0#		100	GONDOLA	5 KIPS	0 KIPS	0.07

TIME	STATION	MP	SPEED LMT	THTLT RUN	AMP'S RUN	SETTING TRN	PRESSURE IND	BRAKES PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
												DRUMBAR FORE	FORCES AFT	
0:12:50	185.435	0	19	RUN	5	1001	REL	REL	80# 0# 254:5 .27:5	1	GM8C	0 KIPS	73 KIPS	0.10
	185.422								80# 0#	2	GM10B	73 KIPS	183 KIPS	0.11
	185.408								80# 0#	3	SD40	183 KIPS	208 KIPS	0.12
	185.396								80# 0#	4	SD40	208 KIPS	254 KIPS	0.13
	185.384								80# 0#	5	GONDOLA	254 KIPS	250 KIPS	0.20
	185.240								80# 0#	24	GONDOLA	203 KIPS	201 KIPS	0.00
	185.098								80# 0#	43	GONDOLA	154 KIPS	152 KIPS	0.08
	185.952								80# 0#	62	GONDOLA	105 KIPS	102 KIPS	0.08
	185.808								80# 0#	81	GONDOLA	57 KIPS	54 KIPS	0.07
	185.684								80# 0#	100	GONDOLA	5 KIPS	0 KIPS	0.07
0:13:0	185.488	0	19	RUN	5	992	REL	REL	80# 0# 248:5 .25:12	1	GM8C	0 KIPS	72 KIPS	0.10
	185.475								80# 0#	2	GM10B	72 KIPS	182 KIPS	0.11
	185.462								80# 0#	3	SD40	182 KIPS	205 KIPS	0.12
	185.449								80# 0#	4	SD40	205 KIPS	249 KIPS	0.12
	185.437								80# 0#	5	GONDOLA	249 KIPS	245 KIPS	0.10
	185.293								80# 0#	24	GONDOLA	180 KIPS	187 KIPS	0.00
	185.149								80# 0#	43	GONDOLA	144 KIPS	141 KIPS	0.08
	185.005								80# 0#	62	GONDOLA	95 KIPS	93 KIPS	0.07
	185.881								80# 0#	81	GONDOLA	48 KIPS	44 KIPS	0.08
	185.717								80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.07
0:13:10	185.543	0	20	RUN	5	985	REL	REL	80# 0# 245:5 .23:19	1	GM8C	0 KIPS	72 KIPS	0.10
	185.530								80# 0#	2	GM10B	72 KIPS	181 KIPS	0.11
	185.517								80# 0#	3	SD40	181 KIPS	203 KIPS	0.12
	185.504								80# 0#	4	SD40	203 KIPS	245 KIPS	0.12
	185.492								80# 0#	5	GONDOLA	245 KIPS	242 KIPS	0.10
	185.348								80# 0#	24	GONDOLA	179 KIPS	178 KIPS	0.22
	185.204								80# 0#	43	GONDOLA	137 KIPS	135 KIPS	0.16
	185.060								80# 0#	62	GONDOLA	91 KIPS	89 KIPS	0.07
	185.916								80# 0#	81	GONDOLA	45 KIPS	43 KIPS	0.07
	185.772								80# 0#	100	GONDOLA	2 KIPS	0 KIPS	0.00
0:13:20	185.599	0	20	RUN	5	980	REL	REL	80# 0# 243:5 .21:27	1	GM8C	0 KIPS	71 KIPS	0.10
	185.586								80# 0#	2	GM10B	71 KIPS	161 KIPS	0.11
	185.572								80# 0#	3	SD40	161 KIPS	202 KIPS	0.12
	185.560								80# 0#	4	SD40	202 KIPS	243 KIPS	0.12
	185.548								80# 0#	5	GONDOLA	243 KIPS	239 KIPS	0.10
	185.404								80# 0#	24	GONDOLA	178 KIPS	175 KIPS	0.08
	185.260								80# 0#	43	GONDOLA	130 KIPS	128 KIPS	0.00
	185.116								80# 0#	62	GONDOLA	88 KIPS	86 KIPS	0.07
	185.972								80# 0#	81	GONDOLA	44 KIPS	42 KIPS	0.07
	185.828								80# 0#	100	GONDOLA	2 KIPS	0 KIPS	0.07

STATION TIME	MP	SPEED LMT RUN	THITLE AMP	SETTING TRN	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRABAR FORCES FORE	DRABAR FORCES AFT	
0:13:30	186.855	0	20 RUN 8	885	REL	REL	80# 0# 241:5 .19:34	1	GMBC	0 KIPS	71 KIPS	0.10
	186.842						80# 0#	2	GM10B	71 KIPS	161 KIPS	0.11
	186.829						80# 0#	3	SD40	161 KIPS	201 KIPS	0.12
	186.816						80# 0#	4	SD40	201 KIPS	241 KIPS	0.13
	186.804						80# 0#	5	GONDOLA	241 KIPS	238 KIPS	0.10
	186.480						80# 0#	24	GONDOLA	178 KIPS	178 KIPS	0.08
	186.318						80# 0#	43	GONDOLA	122 KIPS	121 KIPS	0.00
	186.172						80# 0#	62	GONDOLA	85 KIPS	83 KIPS	0.09
	186.028						80# 0#	81	GONDOLA	44 KIPS	41 KIPS	0.07
	185.884						80# 0#	100	GONDOLA	28 KIPS	0 KIPS	0.07
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
0:13:40	186.711	0	20 RUN 8	980	REL	REL	80# 0# 243:5 .34:3	1	GMBC	0 KIPS	72 KIPS	0.12
	186.698						80# 0#	2	GM10B	72 KIPS	162 KIPS	0.25
	186.685						80# 0#	3	SD40	162 KIPS	203 KIPS	0.34
	186.672						80# 0#	4	SD40	203 KIPS	243 KIPS	0.13
	186.660						80# 0#	5	GONDOLA	243 KIPS	240 KIPS	0.10
	186.516						80# 0#	24	GONDOLA	183 KIPS	180 KIPS	0.08
	186.372						80# 0#	43	GONDOLA	123 KIPS	120 KIPS	0.17
	186.228						80# 0#	62	GONDOLA	81 KIPS	78 KIPS	0.00
	186.084						80# 0#	81	GONDOLA	42 KIPS	40 KIPS	0.07
	185.940						80# 0#	100	GONDOLA	2 KIPS	0 KIPS	0.07
0:13:50	186.787	0	20 RUN 8	978	REL	REL	80# 0# 244:5 .35:4	1	GMBC	0 KIPS	72 KIPS	0.00
	186.784						80# 0#	2	GM10B	72 KIPS	162 KIPS	0.07
	186.741						80# 0#	3	SD40	162 KIPS	203 KIPS	0.32
	186.729						80# 0#	4	SD40	203 KIPS	244 KIPS	0.35
	186.716						80# 0#	5	GONDOLA	244 KIPS	241 KIPS	0.26
	186.572						80# 0#	24	GONDOLA	186 KIPS	183 KIPS	0.08
	186.428						80# 0#	43	GONDOLA	127 KIPS	124 KIPS	0.08
	186.285						80# 0#	62	GONDOLA	78 KIPS	76 KIPS	0.00
	186.141						80# 0#	81	GONDOLA	41 KIPS	38 KIPS	0.07
	185.997						80# 0#	100	GONDOLA	2 KIPS	0 KIPS	0.07
0:14: 0	186.824	0	20 RUN 8	977	REL	REL	80# 0# 243:5 .22:12	1	GMBC	0 KIPS	72 KIPS	0.00
	186.811						80# 0#	2	GM10B	72 KIPS	162 KIPS	0.00
	186.798						80# 0#	3	SD40	162 KIPS	203 KIPS	0.00
	186.785						80# 0#	4	SD40	203 KIPS	243 KIPS	0.00
	186.773						80# 0#	5	GONDOLA	243 KIPS	241 KIPS	0.00
	186.629						80# 0#	24	GONDOLA	188 KIPS	188 KIPS	0.08
	186.485						80# 0#	43	GONDOLA	132 KIPS	128 KIPS	0.08
	186.341						80# 0#	62	GONDOLA	74 KIPS	71 KIPS	0.07
	186.197						80# 0#	81	GONDOLA	38 KIPS	37 KIPS	0.07
	186.053						80# 0#	100	GONDOLA	2 KIPS	0 KIPS	0.07

QCM E-D-96/0/

STATION TIME	SPEED LMT RUN	THITLE AMP	AMPS SETTING	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
0:14:10	0	20	RUN	6	978	REL	REL	GMBC	0 KIPS	72 KIPS	0.00
								GM10B	72 KIPS	182 KIPS	0.00
								SD40	182 KIPS	203 KIPS	0.00
								SD40	203 KIPS	243 KIPS	0.00
								GONDOLA	243 KIPS	241 KIPS	0.00
								GONDOLA	183 KIPS	190 KIPS	0.20
								GONDOLA	137 KIPS	134 KIPS	0.08
								GONDOLA	80 KIPS	77 KIPS	0.07
								GONDOLA	38 KIPS	38 KIPS	0.00
								GONDOLA	2 KIPS	0 KIPS	0.07
0:14:20	0	20	RUN	6	978	REL	REL	GMBC	0 KIPS	72 KIPS	0.00
								GM10B	72 KIPS	183 KIPS	0.00
								SD40	183 KIPS	203 KIPS	0.00
								SD40	203 KIPS	244 KIPS	0.00
								GONDOLA	244 KIPS	241 KIPS	0.00
								GONDOLA	184 KIPS	192 KIPS	0.07
								GONDOLA	142 KIPS	138 KIPS	0.08
								GONDOLA	88 KIPS	83 KIPS	0.07
								GONDOLA	33 KIPS	31 KIPS	0.00
								GONDOLA	2 KIPS	0 KIPS	0.07
0:14:30	0	20	RUN	6	978	REL	REL	GMBC	0 KIPS	72 KIPS	0.00
								GM10B	72 KIPS	183 KIPS	0.00
								SD40	183 KIPS	204 KIPS	0.00
								SD40	204 KIPS	245 KIPS	0.00
								GONDOLA	245 KIPS	242 KIPS	0.00
								GONDOLA	197 KIPS	184 KIPS	0.00
								GONDOLA	148 KIPS	145 KIPS	0.08
								GONDOLA	94 KIPS	91 KIPS	0.07
								GONDOLA	40 KIPS	37 KIPS	0.08
								GONDOLA	2 KIPS	0 KIPS	0.00
0:14:40	0	20	RUN	6	980	REL	REL	GMBC	0 KIPS	73 KIPS	0.00
								GM10B	73 KIPS	184 KIPS	0.00
								SD40	184 KIPS	205 KIPS	0.00
								SD40	205 KIPS	246 KIPS	0.00
								GONDOLA	246 KIPS	244 KIPS	0.00
								GONDOLA	200 KIPS	197 KIPS	0.00
								GONDOLA	153 KIPS	151 KIPS	0.10
								GONDOLA	102 KIPS	98 KIPS	0.07
								GONDOLA	50 KIPS	47 KIPS	0.07
								GONDOLA	1 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS	BRKES SETTING	TRN IND	PIPE CYL	PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO
0:14:50	187.107	0	20	8	983	REL	REL	80#	0#	248:5	17:48	1	0.00
	187.094							80#	0#			2	0.00
	187.081							80#	0#			3	0.00
	187.068							80#	0#			4	0.00
	186.912							80#	0#			5	0.00
	186.768							80#	0#			24	0.00
	186.624							80#	0#			43	0.00
	186.480							80#	0#			62	0.00
	186.336							80#	0#			81	0.00
0:15:0	187.162	0	20	8	985	REL	REL	80#	0#	249:5	15:57	100	0.07
	187.149							80#	0#			1	0.07
	187.136							80#	0#			2	0.00
	187.124							80#	0#			3	0.00
	187.111							80#	0#			4	0.00
	186.968							80#	0#			5	0.00
	186.824							80#	0#			24	0.00
	186.680							80#	0#			43	0.00
	186.538							80#	0#			62	0.00
	186.392							80#	0#			81	0.08
0:15:10	187.217	0	20	8	988	REL	REL	80#	0#	250:5	11:62	100	0.07
	187.204							80#	0#			1	0.07
	187.191							80#	0#			2	0.00
	187.178							80#	0#			3	0.00
	187.166							80#	0#			4	0.00
	187.023							80#	0#			5	0.00
	186.879							80#	0#			24	0.00
	186.735							80#	0#			43	0.00
	186.591							80#	0#			62	0.00
	186.447							80#	0#			81	0.11
-----> TRAIN ENTERING 3.00 DEGREE CURVE												100	0.07
0:15:20	187.272	0	19	8	991	REL	REL	80#	0#	257:5	17:99	1	0.08
	187.259							80#	0#			2	0.00
	187.246							80#	0#			3	0.00
	187.233							80#	0#			4	0.00
	187.221							80#	0#			5	0.00
	187.077							80#	0#			24	0.00
	186.933							80#	0#			43	0.00
	186.789							80#	0#			62	0.00
	186.645							80#	0#			81	0.00
	186.501							80#	0#			100	0.08

STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTLING TRN INDO PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRAWBAR FORCES FORE	AFT	
0:15:30	187.328	0	19 RUN 8	993 REL REL	80# 0#	251:5 .38:3	1	GMBC	0 KIPS	73 KIPS	0.19
	187.313				80# 0#		2	GM10B	73 KIPS	184 KIPS	0.30
	187.299				80# 0#		3	SD40	184 KIPS	208 KIPS	0.38
	187.287				80# 0#		4	SD40	208 KIPS	281 KIPS	0.37
	187.275				80# 0#		5	GONDOLA	251 KIPS	248 KIPS	0.31
	187.131				80# 0#		24	GONDOLA	211 KIPS	208 KIPS	0.00
	186.987				80# 0#		43	GONDOLA	174 KIPS	172 KIPS	0.00
	186.843				80# 0#		62	GONDOLA	135 KIPS	133 KIPS	0.00
	186.699				80# 0#		81	GONDOLA	94 KIPS	92 KIPS	0.08
	186.555				80# 0#		100	GONDOLA	48 KIPS	0 KIPS	0.07
0:15:40	187.379	0	19 RUN 8	994 REL REL	80# 0#	251:5 .27:7	1	GMBC	0 KIPS	73 KIPS	0.10
	187.368				80# 0#		2	GM10B	73 KIPS	184 KIPS	0.11
	187.353				80# 0#		3	SD40	184 KIPS	208 KIPS	0.12
	187.341				80# 0#		4	SD40	208 KIPS	281 KIPS	0.12
	187.328				80# 0#		5	GONDOLA	251 KIPS	248 KIPS	0.10
	187.184				80# 0#		24	GONDOLA	202 KIPS	199 KIPS	0.00
	187.041				80# 0#		43	GONDOLA	153 KIPS	151 KIPS	0.00
	186.897				80# 0#		82	GONDOLA	105 KIPS	102 KIPS	0.00
	186.753				80# 0#		81	GONDOLA	58 KIPS	54 KIPS	0.00
	186.609				80# 0#		100	GONDOLA	3 KIPS	0 KIPS	0.07
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
0:15:50	187.433	0	19 RUN 8	996 REL REL	80# 0#	253:5 .37:4	1	GMBC	0 KIPS	74 KIPS	0.10
	187.420				80# 0#		2	GM10B	74 KIPS	185 KIPS	0.27
	187.408				80# 0#		3	SD40	185 KIPS	208 KIPS	0.35
	187.394				80# 0#		4	SD40	208 KIPS	283 KIPS	0.37
	187.382				80# 0#		5	GONDOLA	253 KIPS	250 KIPS	0.26
	187.238				80# 0#		24	GONDOLA	200 KIPS	197 KIPS	0.00
	187.094				80# 0#		43	GONDOLA	151 KIPS	148 KIPS	0.00
	186.950				80# 0#		62	GONDOLA	103 KIPS	100 KIPS	0.00
	186.806				80# 0#		81	GONDOLA	54 KIPS	52 KIPS	0.00
	186.662				80# 0#		100	GONDOLA	3 KIPS	0 KIPS	0.07
0:16:0	187.498	0	19 RUN 8	997 REL REL	80# 0#	257:5 .31:4	1	GMBC	0 KIPS	77 KIPS	0.00
	187.473				80# 0#		2	GM10B	77 KIPS	188 KIPS	0.00
	187.460				80# 0#		3	SD40	188 KIPS	213 KIPS	0.10
	187.447				80# 0#		4	SD40	213 KIPS	257 KIPS	0.31
	187.435				80# 0#		5	GONDOLA	257 KIPS	254 KIPS	0.22
	187.291				80# 0#		24	GONDOLA	203 KIPS	200 KIPS	0.23
	187.147				80# 0#		43	GONDOLA	152 KIPS	149 KIPS	0.00
	187.003				80# 0#		62	GONDOLA	102 KIPS	100 KIPS	0.00
	186.859				80# 0#		81	GONDOLA	53 KIPS	50 KIPS	0.00
	186.715				80# 0#		100	GONDOLA	3 KIPS	0 KIPS	0.07
-----> TRAIN ENTERING 0.00 % GRADE											
-----> TRAIN ENTERING 4.50 DEGREE CURVE											
-----> TRAIN ENTERING 0.65 % GRADE											

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN	SETTING IND	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO					
						PIPE	CYL				DRUMBAR FORCES FORE	AFT						
0:18:10	187.539	0	19	RUN	8	998	REL	REL	80#	0#	0#	264:5	.42:3	1	GM6C	0 KIPS	77 KIPS	0.20
	187.526								80#	0#	0#			2	GM10B	77 KIPS	171 KIPS	0.30
	187.513								80#	0#	0#			3	SD40	171 KIPS	219 KIPS	0.42
	187.500								80#	0#	0#			4	SD40	219 KIPS	264 KIPS	0.38
	187.488								80#	0#	0#			5	GONDOLA	264 KIPS	262 KIPS	0.29
	187.344								80#	0#	0#			24	GONDOLA	211 KIPS	208 KIPS	0.09
	187.200								80#	0#	0#			43	GONDOLA	157 KIPS	154 KIPS	0.00
	187.056								80#	0#	0#			62	GONDOLA	105 KIPS	103 KIPS	0.00
	186.912								80#	0#	0#			81	GONDOLA	54 KIPS	51 KIPS	0.00
	186.788								80#	0#	0#			100	GONDOLA	3 KIPS	0 KIPS	0.00
0:18:20	187.592	0	19	RUN	8	998	REL	REL	80#	0#	0#	260:5	.32:9	1	GM6C	0 KIPS	74 KIPS	0.15
	187.579								80#	0#	0#			2	GM10B	74 KIPS	166 KIPS	0.18
	187.566								80#	0#	0#			3	SD40	166 KIPS	213 KIPS	0.18
	187.554								80#	0#	0#			4	SD40	213 KIPS	260 KIPS	0.18
	187.541								80#	0#	0#			5	GONDOLA	260 KIPS	260 KIPS	0.15
	187.397								80#	0#	0#			24	GONDOLA	215 KIPS	213 KIPS	0.11
	187.253								80#	0#	0#			43	GONDOLA	158 KIPS	158 KIPS	0.00
	187.109								80#	0#	0#			62	GONDOLA	107 KIPS	104 KIPS	0.00
	186.965								80#	0#	0#			81	GONDOLA	55 KIPS	52 KIPS	0.00
	186.822								80#	0#	0#			100	GONDOLA	3 KIPS	0 KIPS	0.00
0:18:30	187.645	0	19	RUN	8	995	REL	REL	80#	0#	0#	255:5	.31:14	1	GM6C	0 KIPS	74 KIPS	0.15
	187.632								80#	0#	0#			2	GM10B	74 KIPS	166 KIPS	0.18
	187.619								80#	0#	0#			3	SD40	166 KIPS	210 KIPS	0.18
	187.607								80#	0#	0#			4	SD40	210 KIPS	258 KIPS	0.18
	187.595								80#	0#	0#			5	GONDOLA	255 KIPS	252 KIPS	0.14
	187.451								80#	0#	0#			24	GONDOLA	217 KIPS	214 KIPS	0.12
	187.307								80#	0#	0#			43	GONDOLA	161 KIPS	158 KIPS	0.20
	187.163								80#	0#	0#			62	GONDOLA	107 KIPS	108 KIPS	0.00
	187.019								80#	0#	0#			81	GONDOLA	55 KIPS	52 KIPS	0.00
	186.875								80#	0#	0#			100	GONDOLA	3 KIPS	0 KIPS	0.00
0:18:40	187.699	0	19	RUN	8	993	REL	REL	80#	0#	0#	254:5	.29:21	1	GM6C	0 KIPS	74 KIPS	0.15
	187.686								80#	0#	0#			2	GM10B	74 KIPS	165 KIPS	0.18
	187.673								80#	0#	0#			3	SD40	165 KIPS	210 KIPS	0.18
	187.661								80#	0#	0#			4	SD40	210 KIPS	254 KIPS	0.16
	187.648								80#	0#	0#			5	GONDOLA	254 KIPS	252 KIPS	0.14
	187.504								80#	0#	0#			24	GONDOLA	218 KIPS	215 KIPS	0.14
	187.360								80#	0#	0#			43	GONDOLA	164 KIPS	161 KIPS	0.08
	187.218								80#	0#	0#			62	GONDOLA	108 KIPS	105 KIPS	0.00
	187.072								80#	0#	0#			81	GONDOLA	55 KIPS	53 KIPS	0.00
	186.929								80#	0#	0#			100	GONDOLA	3 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THRTLE AMP	SETTING TRN INO PIPE	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRABBAR FORCES FORE	DRABBAR FORCES AFT	
0:16:50	187.753	0	19	RUN 6	992 REL REL	80# 0# 253:5	1	GM9C	0 KIPS	74 KIPS	0.15
	187.740				80# 0#	80# 0#	2	GM10B	74 KIPS	166 KIPS	0.16
	187.727				80# 0#	80# 0#	3	SD40	166 KIPS	208 KIPS	0.16
	187.714				80# 0#	80# 0#	4	SD40	209 KIPS	253 KIPS	0.16
	187.702				80# 0#	80# 0#	5	GONDOLA	253 KIPS	291 KIPS	0.14
	187.558				80# 0#	80# 0#	24	GONDOLA	210 KIPS	208 KIPS	0.14
	187.414				80# 0#	80# 0#	43	GONDOLA	167 KIPS	184 KIPS	0.10
	187.270				80# 0#	80# 0#	62	GONDOLA	109 KIPS	108 KIPS	0.07
	187.126				80# 0#	80# 0#	81	GONDOLA	58 KIPS	53 KIPS	0.00
	186.982				80# 0#	80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
0:17:0	187.807	0	20	RUN 6	990 REL REL	80# 0# 253:5	1	GM9C	0 KIPS	74 KIPS	0.15
	187.794				80# 0#	80# 0#	2	GM10B	74 KIPS	166 KIPS	0.16
	187.781				80# 0#	80# 0#	3	SD40	166 KIPS	210 KIPS	0.23
	187.769				80# 0#	80# 0#	4	SD40	210 KIPS	253 KIPS	0.21
	187.756				80# 0#	80# 0#	5	GONDOLA	253 KIPS	281 KIPS	0.14
	187.612				80# 0#	80# 0#	24	GONDOLA	208 KIPS	204 KIPS	0.13
	187.468				80# 0#	80# 0#	43	GONDOLA	189 KIPS	166 KIPS	0.00
	187.324				80# 0#	80# 0#	62	GONDOLA	112 KIPS	108 KIPS	0.16
	187.180				80# 0#	80# 0#	81	GONDOLA	58 KIPS	54 KIPS	0.00
	187.036				80# 0#	80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.00
0:17:10	187.861	0	20	RUN 6	988 REL REL	80# 0# 254:5	1	GM9C	0 KIPS	74 KIPS	0.00
	187.848				80# 0#	80# 0#	2	GM10B	74 KIPS	166 KIPS	0.00
	187.835				80# 0#	80# 0#	3	SD40	166 KIPS	210 KIPS	0.13
	187.823				80# 0#	80# 0#	4	SD40	210 KIPS	254 KIPS	0.25
	187.811				80# 0#	80# 0#	5	GONDOLA	254 KIPS	251 KIPS	0.16
	187.667				80# 0#	80# 0#	24	GONDOLA	207 KIPS	208 KIPS	0.13
	187.523				80# 0#	80# 0#	43	GONDOLA	169 KIPS	167 KIPS	0.25
	187.379				80# 0#	80# 0#	62	GONDOLA	116 KIPS	113 KIPS	0.08
	187.235				80# 0#	80# 0#	81	GONDOLA	57 KIPS	54 KIPS	0.00
	187.091				80# 0#	80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.00
0:17:20	187.917	0	20	RUN 6	985 REL REL	80# 0# 253:5	1	GM9C	0 KIPS	74 KIPS	0.00
	187.903				80# 0#	80# 0#	2	GM10B	74 KIPS	166 KIPS	0.00
	187.890				80# 0#	80# 0#	3	SD40	166 KIPS	208 KIPS	0.00
	187.878				80# 0#	80# 0#	4	SD40	208 KIPS	253 KIPS	0.00
	187.866				80# 0#	80# 0#	5	GONDOLA	253 KIPS	251 KIPS	0.00
	187.722				80# 0#	80# 0#	24	GONDOLA	208 KIPS	206 KIPS	0.13
	187.578				80# 0#	80# 0#	43	GONDOLA	160 KIPS	158 KIPS	0.13
	187.434				80# 0#	80# 0#	62	GONDOLA	119 KIPS	116 KIPS	0.15
	187.290				80# 0#	80# 0#	81	GONDOLA	59 KIPS	58 KIPS	0.08
	187.146				80# 0#	80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRUMBAR FORCES FORE	AFT	
0:17:30	187.972	0	20	RUN	8	982	REL REL	1	GMBC	0 KIPS	73 KIPS	0.00
	187.959							2	GM10B	73 KIPS	165 KIPS	0.00
	187.946							3	SD40	165 KIPS	208 KIPS	0.00
	187.934							4	SD40	208 KIPS	251 KIPS	0.00
	187.921							5	GONDOLA	251 KIPS	249 KIPS	0.00
	187.777							24	GONDOLA	209 KIPS	208 KIPS	0.14
	187.633							43	GONDOLA	160 KIPS	157 KIPS	0.12
	187.490							62	GONDOLA	120 KIPS	117 KIPS	0.11
	187.346							31	GONDOLA	62 KIPS	58 KIPS	0.07
	187.202							106	GONDOLA	3 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 4.00 DEGREE CURVE												
0:17:40	188.028	0	20	RUN	8	0	REL REL	1	GMBC	0 KIPS	73 KIPS	0.19
	188.015							2	GM10B	73 KIPS	165 KIPS	0.29
	188.002							3	SD40	165 KIPS	207 KIPS	0.39
	187.990							4	SD40	207 KIPS	249 KIPS	0.34
	187.978							5	GONDOLA	249 KIPS	247 KIPS	0.28
	187.834							24	GONDOLA	208 KIPS	208 KIPS	0.03
	187.690							43	GONDOLA	160 KIPS	157 KIPS	0.12
	187.546							62	GONDOLA	115 KIPS	115 KIPS	0.17
	187.402							81	GONDOLA	64 KIPS	61 KIPS	0.08
	187.258							100	GONDOLA	3 KIPS	0 KIPS	0.00
0:17:41	188.034	0	20	RUN	8	415	REL REL	1	GMBC	0 KIPS	35 KIPS	0.13
	188.021							2	GM10B	35 KIPS	63 KIPS	0.14
	188.008							3	SD40	63 KIPS	122 KIPS	0.15
	187.996							4	SD40	122 KIPS	165 KIPS	0.15
	187.983							5	GONDOLA	165 KIPS	163 KIPS	0.11
	187.839							24	GONDOLA	140 KIPS	138 KIPS	0.00
	187.695							43	GONDOLA	123 KIPS	122 KIPS	0.12
	187.551							62	GONDOLA	103 KIPS	102 KIPS	0.12
	187.407							81	GONDOLA	80 KIPS	88 KIPS	0.00
	187.264							100	GONDOLA	58 KIPS	0 KIPS	0.00
0:17:42	188.040	0	20	RUN	8	543	REL REL	1	GMBC	0 KIPS	34 KIPS	0.13
	188.027							2	GM10B	34 KIPS	67 KIPS	0.14
	188.013							3	SD40	67 KIPS	110 KIPS	0.15
	188.001							4	SD40	110 KIPS	154 KIPS	0.15
	187.989							5	GONDOLA	154 KIPS	163 KIPS	0.12
	187.845							24	GONDOLA	140 KIPS	138 KIPS	0.00
	187.701							43	GONDOLA	118 KIPS	117 KIPS	0.12
	187.557							62	GONDOLA	87 KIPS	98 KIPS	0.12
	187.413							81	GONDOLA	81 KIPS	80 KIPS	0.00
	187.269							100	GONDOLA	47 KIPS	0 KIPS	0.07

OCN E-D-98/O/

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS REL	BRAKES TRN INO PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:17:43	188.045	0	20 RUN 5	842	REL	REL	184:5 .15:4	1	GM5C	0 KIPS	42 KIPS	0.13
	188.032							2	GM10B	42 KIPS	78 KIPS	0.14
	188.019							3	SD40	78 KIPS	121 KIPS	0.18
	188.007							4	SD40	121 KIPS	184 KIPS	0.18
	187.984							5	GONDOLA	184 KIPS	183 KIPS	0.11
	187.850							24	GONDOLA	149 KIPS	148 KIPS	0.00
	187.707							43	GONDOLA	119 KIPS	117 KIPS	0.12
	187.563							82	GONDOLA	88 KIPS	88 KIPS	0.11
	187.419							81	GONDOLA	70 KIPS	68 KIPS	0.00
	187.275							100	GONDOLA	32 KIPS	0 KIPS	0.07
-----> TRAIN ENTERING 0.85 % GRADE												
0:17:50	188.084	0	20 RUN 5	982	REL	REL	240:5 .24:7	1	GM5C	0 KIPS	72 KIPS	0.13
	188.071							2	GM10B	72 KIPS	186 KIPS	0.18
	188.056							3	SD40	186 KIPS	198 KIPS	0.15
	188.048							4	SD40	198 KIPS	240 KIPS	0.15
	188.032							5	GONDOLA	240 KIPS	238 KIPS	0.12
	187.890							24	GONDOLA	199 KIPS	198 KIPS	0.00
	187.746							43	GONDOLA	186 KIPS	183 KIPS	0.12
	187.602							82	GONDOLA	108 KIPS	104 KIPS	0.12
	187.458							81	GONDOLA	84 KIPS	81 KIPS	0.00
	187.314							100	GONDOLA	22 KIPS	0 KIPS	0.07
0:18: 0	188.141	0	20 RUN 5	977	REL	REL	243:5 .28:12	1	GM5C	0 KIPS	72 KIPS	0.13
	188.128							2	GM10B	72 KIPS	182 KIPS	0.15
	188.114							3	SD40	182 KIPS	202 KIPS	0.15
	188.102							4	SD40	202 KIPS	243 KIPS	0.15
	188.090							5	GONDOLA	243 KIPS	240 KIPS	0.12
	187.946							24	GONDOLA	198 KIPS	196 KIPS	0.00
	187.802							43	GONDOLA	155 KIPS	153 KIPS	0.15
	187.658							82	GONDOLA	105 KIPS	102 KIPS	0.12
	187.514							81	GONDOLA	83 KIPS	80 KIPS	0.11
	187.370							100	GONDOLA	3 KIPS	0 KIPS	0.07
0:18:10	188.198	0	21 RUN 5	973	REL	REL	241:5 .28:21	1	GM5C	0 KIPS	71 KIPS	0.13
	188.185							2	GM10B	71 KIPS	181 KIPS	0.15
	188.172							3	SD40	181 KIPS	201 KIPS	0.15
	188.159							4	SD40	201 KIPS	241 KIPS	0.15
	188.147							5	GONDOLA	241 KIPS	238 KIPS	0.12
	188.003							24	GONDOLA	190 KIPS	188 KIPS	0.25
	187.859							43	GONDOLA	148 KIPS	146 KIPS	0.00
	187.715							82	GONDOLA	100 KIPS	97 KIPS	0.12
	187.571							81	GONDOLA	50 KIPS	48 KIPS	0.11
	187.427							100	GONDOLA	3 KIPS	0 KIPS	0.07
-----> TRAIN ENTERING 0.00 DEGREE CURVE												

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO				
										FORE	AFT					
0:12:20	188.256	0	21	RUN	6	969	REL REL	80#	0#	239:5	.25:3	1	GM6C	0 KIPS	71 KIPS	0.13
	188.243							80#	0#			2	GM108	71 KIPS	161 KIPS	0.15
	188.230							80#	0#			3	SD40	161 KIPS	200 KIPS	0.25
	188.217							80#	0#			4	SD40	200 KIPS	239 KIPS	0.18
	188.205							80#	0#			5	GONDOLA	239 KIPS	238 KIPS	0.12
	188.081							80#	0#			24	GONDOLA	183 KIPS	180 KIPS	0.11
	187.917							80#	0#			43	GONDOLA	140 KIPS	138 KIPS	0.00
	187.773							80#	0#			62	GONDOLA	95 KIPS	93 KIPS	0.13
	187.629							80#	0#			81	GONDOLA	48 KIPS	43 KIPS	0.11
	187.485							80#	0#			100	GONDOLA	3 KIPS	0 KIPS	0.00
0:18:30	188.314	0	21	RUN	6	968	REL REL	80#	0#	240:5	.35:4	1	GM6C	0 KIPS	71 KIPS	0.00
	188.301							80#	0#			2	GM108	71 KIPS	161 KIPS	0.03
	188.288							80#	0#			3	SD40	161 KIPS	201 KIPS	0.14
	188.276							80#	0#			4	SD40	201 KIPS	240 KIPS	0.35
	188.264							80#	0#			5	GONDOLA	240 KIPS	237 KIPS	0.24
	188.120							80#	0#			24	GONDOLA	185 KIPS	182 KIPS	0.11
	187.976							80#	0#			43	GONDOLA	135 KIPS	133 KIPS	0.02
	187.832							80#	0#			62	GONDOLA	98 KIPS	93 KIPS	0.11
	187.688							80#	0#			81	GONDOLA	50 KIPS	48 KIPS	0.11
	187.544							80#	0#			100	GONDOLA	3 KIPS	0 KIPS	0.10
0:18:40	188.373	0	21	RUN	6	964	REL REL	80#	0#	239:5	.20:44	1	GM6C	0 KIPS	71 KIPS	0.00
	188.360							80#	0#			2	GM108	71 KIPS	161 KIPS	0.00
	188.347							80#	0#			3	SD40	161 KIPS	200 KIPS	0.00
	188.335							80#	0#			4	SD40	200 KIPS	239 KIPS	0.00
	188.323							80#	0#			5	GONDOLA	239 KIPS	237 KIPS	0.00
	188.179							80#	0#			24	GONDOLA	188 KIPS	185 KIPS	0.11
	188.035							80#	0#			43	GONDOLA	133 KIPS	131 KIPS	0.13
	187.891							80#	0#			62	GONDOLA	94 KIPS	92 KIPS	0.00
	187.747							80#	0#			81	GONDOLA	50 KIPS	48 KIPS	0.11
	187.603							80#	0#			100	GONDOLA	3 KIPS	0 KIPS	0.10
0:18:50	188.433	0	22	RUN	6	961	REL REL	80#	0#	238:5	.15:51	1	GM6C	0 KIPS	71 KIPS	0.00
	188.420							80#	0#			2	GM108	71 KIPS	161 KIPS	0.00
	188.407							80#	0#			3	SD40	161 KIPS	200 KIPS	0.00
	188.395							80#	0#			4	SD40	200 KIPS	238 KIPS	0.00
	188.382							80#	0#			5	GONDOLA	238 KIPS	236 KIPS	0.00
	188.238							80#	0#			24	GONDOLA	180 KIPS	187 KIPS	0.12
	188.084							80#	0#			43	GONDOLA	135 KIPS	132 KIPS	0.11
	187.950							80#	0#			62	GONDOLA	90 KIPS	88 KIPS	0.00
	187.807							80#	0#			81	GONDOLA	50 KIPS	47 KIPS	0.12
	187.663							80#	0#			100	GONDOLA	2 KIPS	0 KIPS	0.10

STATION TIME	MP	SPEED LMT RUN	THRTLE AMP'S	BRAKES SETTING	PRESSURE TRN INO PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES			L/V RATIO
								IDENTIFIER	DRABAR FORCES FORE	DRABAR FORCES AFT	
0:19:0	188.493	0	22 RUN 6	959 REL REL	80# 0#	237:5 .21:31	1	GMBC	0 KIPS	71 KIPS	0.00
	188.480				80# 0#		2	GM108	71 KIPS	161 KIPS	0.00
	188.467				80# 0#		3	SD40	181 KIPS	199 KIPS	0.00
	188.455				80# 0#		4	SD40	199 KIPS	237 KIPS	0.00
	188.442				80# 0#		5	GONDOLA	237 KIPS	238 KIPS	0.00
	188.298				80# 0#		24	GONDOLA	190 KIPS	187 KIPS	0.00
	188.154				80# 0#		43	GONDOLA	137 KIPS	138 KIPS	0.11
	188.010				80# 0#		62	GONDOLA	86 KIPS	84 KIPS	0.14
	187.866				80# 0#		81	GONDOLA	48 KIPS	48 KIPS	0.00
	187.723				80# 0#		100	GONDOLA	2 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 4.00 DEGREE CURVE											
0:19:10	188.553	0	22 RUN 6	957 REL REL	80# 0#	237:5 .21:35	1	GMBC	0 KIPS	71 KIPS	0.18
	188.540				80# 0#		2	GM108	71 KIPS	160 KIPS	0.14
	188.527				80# 0#		3	SD40	180 KIPS	198 KIPS	0.08
	188.515				80# 0#		4	SD40	198 KIPS	237 KIPS	0.00
	188.503				80# 0#		5	GONDOLA	237 KIPS	234 KIPS	0.00
	188.358				80# 0#		24	GONDOLA	188 KIPS	186 KIPS	0.00
	188.215				80# 0#		43	GONDOLA	140 KIPS	137 KIPS	0.11
	188.071				80# 0#		62	GONDOLA	88 KIPS	82 KIPS	0.10
	187.927				80# 0#		81	GONDOLA	44 KIPS	42 KIPS	0.00
	187.783				80# 0#		100	GONDOLA	2 KIPS	0 KIPS	0.10
0:19:20	188.614	0	22 RUN 6	956 REL REL	80# 0#	238:5 .39:3	1	GMBC	0 KIPS	70 KIPS	0.19
	188.601				80# 0#		2	GM108	70 KIPS	159 KIPS	0.29
	188.588				80# 0#		3	SD40	159 KIPS	197 KIPS	0.38
	188.576				80# 0#		4	SD40	197 KIPS	235 KIPS	0.15
	188.563				80# 0#		5	GONDOLA	235 KIPS	232 KIPS	0.13
	188.419				80# 0#		24	GONDOLA	187 KIPS	188 KIPS	0.00
	188.275				80# 0#		43	GONDOLA	140 KIPS	138 KIPS	0.11
	188.131				80# 0#		62	GONDOLA	89 KIPS	86 KIPS	0.10
	187.988				80# 0#		81	GONDOLA	40 KIPS	38 KIPS	0.10
	187.844				80# 0#		100	GONDOLA	2 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.71 % GRADE											
0:19:30	188.675	0	22 RUN 6	955 REL REL	80# 0#	234:5 .27:11	1	GMBC	0 KIPS	71 KIPS	0.14
	188.662				80# 0#		2	GM108	71 KIPS	160 KIPS	0.15
	188.649				80# 0#		3	SD40	160 KIPS	197 KIPS	0.15
	188.636				80# 0#		4	SD40	197 KIPS	234 KIPS	0.15
	188.624				80# 0#		5	GONDOLA	234 KIPS	232 KIPS	0.12
	188.480				80# 0#		24	GONDOLA	188 KIPS	183 KIPS	0.00
	188.336				80# 0#		43	GONDOLA	140 KIPS	138 KIPS	0.00
	188.192				80# 0#		62	GONDOLA	94 KIPS	91 KIPS	0.00
	188.048				80# 0#		81	GONDOLA	42 KIPS	39 KIPS	0.10
	187.904				80# 0#		100	GONDOLA	2 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING TRN IN	PRESSURE PIPE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO			
										FORE	AFT				
0:19:40	188.736	0	22	RUN	8	956	REL REL	80# 0#	236:5	.26:19	1	GMBC	0 KIPS	71 KIPS	0.14
	188.723							80# 0#			2	GM10B	71 KIPS	160 KIPS	0.15
	188.710							80# 0#			3	SD40	160 KIPS	198 KIPS	0.15
	188.697							80# 0#			4	SD40	198 KIPS	236 KIPS	0.15
	188.685							80# 0#			5	GONDOLA	236 KIPS	234 KIPS	0.12
	188.541							80# 0#			24	GONDOLA	186 KIPS	184 KIPS	0.11
	188.397							80# 0#			43	GONDOLA	142 KIPS	139 KIPS	0.00
	188.253							80# 0#			62	GONDOLA	98 KIPS	98 KIPS	0.11
	188.109							80# 0#			81	GONDOLA	48 KIPS	45 KIPS	0.10
	187.985							80# 0#			100	GONDOLA	2 KIPS	0 KIPS	0.00
0:19:50	188.796	0	22	RUN	8	956	REL REL	80# 0#	237:5	.24:27	1	GMBC	0 KIPS	71 KIPS	0.14
	188.783							80# 0#			2	GM10B	71 KIPS	161 KIPS	0.15
	188.770							80# 0#			3	SD40	161 KIPS	199 KIPS	0.15
	188.758							80# 0#			4	SD40	199 KIPS	237 KIPS	0.15
	188.746							80# 0#			5	GONDOLA	237 KIPS	234 KIPS	0.12
	188.602							80# 0#			24	GONDOLA	190 KIPS	187 KIPS	0.11
	188.458							80# 0#			43	GONDOLA	142 KIPS	140 KIPS	0.00
	188.314							80# 0#			62	GONDOLA	99 KIPS	97 KIPS	0.00
	188.170							80# 0#			81	GONDOLA	53 KIPS	50 KIPS	0.10
	188.026							80# 0#			100	GONDOLA	2 KIPS	0 KIPS	0.08
0:20:0	188.857	0	22	RUN	8	957	REL REL	80# 0#	237:5	.23:35	1	GMBC	0 KIPS	71 KIPS	0.14
	188.844							80# 0#			2	GM10B	71 KIPS	161 KIPS	0.15
	188.831							80# 0#			3	SD40	161 KIPS	199 KIPS	0.15
	188.818							80# 0#			4	SD40	199 KIPS	237 KIPS	0.15
	188.806							80# 0#			5	GONDOLA	237 KIPS	236 KIPS	0.12
	188.662							80# 0#			24	GONDOLA	192 KIPS	190 KIPS	0.11
	188.518							80# 0#			43	GONDOLA	143 KIPS	140 KIPS	0.00
	188.374							80# 0#			62	GONDOLA	99 KIPS	97 KIPS	0.00
	188.230							80# 0#			81	GONDOLA	54 KIPS	51 KIPS	0.11
	188.086							80# 0#			100	GONDOLA	3 KIPS	0 KIPS	0.08
0:20:10	188.917	0	22	RUN	8	957	REL REL	80# 0#	237:5	.21:43	1	GMBC	0 KIPS	71 KIPS	0.14
	188.904							80# 0#			2	GM10B	71 KIPS	161 KIPS	0.15
	188.891							80# 0#			3	SD40	161 KIPS	199 KIPS	0.15
	188.879							80# 0#			4	SD40	199 KIPS	237 KIPS	0.15
	188.867							80# 0#			5	GONDOLA	237 KIPS	236 KIPS	0.12
	188.723							80# 0#			24	GONDOLA	192 KIPS	190 KIPS	0.11
	188.579							80# 0#			43	GONDOLA	143 KIPS	140 KIPS	0.21
	188.435							80# 0#			62	GONDOLA	98 KIPS	95 KIPS	0.00
	188.291							80# 0#			81	GONDOLA	54 KIPS	51 KIPS	0.00
	188.147							80# 0#			100	GONDOLA	3 KIPS	0 KIPS	0.08

QCM E-D-98/O/O

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS REL	SETTING REL	BRAKES TRN IND PIPE CVL	PRESSURE KIPS:CAR L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES AFT	DRAMBAR FORCES AFT	
0:20:20	188.978	0	22 RUN 6	957	REL	REL	80# 0#	237:5 .16:51	1	GMBC	0 KIPS	71 KIPS	0.14
	188.985						80# 0#		2	GM108	71 KIPS	161 KIPS	0.15
	188.992						80# 0#		3	SD40	161 KIPS	189 KIPS	0.15
	188.939						80# 0#		4	SD40	199 KIPS	237 KIPS	0.15
	188.927						80# 0#		5	GONDOLA	237 KIPS	234 KIPS	0.12
	188.783						80# 0#		24	GONDOLA	192 KIPS	189 KIPS	0.11
	188.639						80# 0#		43	GONDOLA	145 KIPS	142 KIPS	0.11
	188.495						80# 0#		62	GONDOLA	98 KIPS	93 KIPS	0.00
	188.351						80# 0#		81	GONDOLA	51 KIPS	49 KIPS	0.00
	188.207						80# 0#		100	GONDOLA	3 KIPS	0 KIPS	0.06
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0:20:30	189.038	0	22 RUN 6	957	REL	REL	80# 0#	238:5 .35:4	1	GMBC	0 KIPS	71 KIPS	0.13
	189.025						80# 0#		2	GM108	71 KIPS	162 KIPS	0.17
	189.012						80# 0#		3	SD40	162 KIPS	200 KIPS	0.20
	189.000						80# 0#		4	SD40	200 KIPS	239 KIPS	0.23
	188.988						80# 0#		5	GONDOLA	239 KIPS	237 KIPS	0.23
	188.844						80# 0#		24	GONDOLA	183 KIPS	180 KIPS	0.11
	188.700						80# 0#		43	GONDOLA	146 KIPS	144 KIPS	0.11
	188.556						80# 0#		62	GONDOLA	95 KIPS	82 KIPS	0.11
	188.412						80# 0#		81	GONDOLA	49 KIPS	46 KIPS	0.00
	188.268						80# 0#		100	GONDOLA	3 KIPS	0 KIPS	0.08
0:20:40	189.088	0	22 RUN 6	956	REL	REL	80# 0#	239:5 .15:10	1	GMBC	0 KIPS	71 KIPS	0.00
	189.066						80# 0#		2	GM108	71 KIPS	161 KIPS	0.00
	189.073						80# 0#		3	SD40	161 KIPS	200 KIPS	0.00
	189.061						80# 0#		4	SD40	200 KIPS	238 KIPS	0.00
	189.048						80# 0#		5	GONDOLA	239 KIPS	237 KIPS	0.00
	188.904						80# 0#		24	GONDOLA	185 KIPS	183 KIPS	0.11
	188.760						80# 0#		43	GONDOLA	148 KIPS	146 KIPS	0.11
	188.616						80# 0#		62	GONDOLA	99 KIPS	87 KIPS	0.10
	188.472						80# 0#		81	GONDOLA	49 KIPS	46 KIPS	0.00
	188.328						80# 0#		100	GONDOLA	2 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
0:20:50	189.160	0	22 RUN 6	955	REL	REL	80# 0#	238:5 .24:20	1	GMBC	0 KIPS	71 KIPS	0.15
	189.147						80# 0#		2	GM108	71 KIPS	161 KIPS	0.14
	189.134						80# 0#		3	SD40	161 KIPS	200 KIPS	0.08
	189.121						80# 0#		4	SD40	200 KIPS	238 KIPS	0.00
	189.109						80# 0#		5	GONDOLA	238 KIPS	236 KIPS	0.00
	188.965						80# 0#		24	GONDOLA	187 KIPS	184 KIPS	0.11
	188.821						80# 0#		43	GONDOLA	149 KIPS	147 KIPS	0.11
	188.677						80# 0#		62	GONDOLA	102 KIPS	100 KIPS	0.10
	188.533						80# 0#		81	GONDOLA	49 KIPS	46 KIPS	0.11
	188.389						80# 0#		100	GONDOLA	2 KIPS	0 KIPS	0.00

STATION TIME	SPEED LMT RUN	THITLE AMP'S	SETTING TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES		L/V RATIO
							IDENTIFIER	DRAMBAR FORCES FORE AFT	
0:21:0	189.221	0	22 RUN 8	954 REL REL	80# 0#	1	GM6C	0 KIPS	0.20
	189.208				80# 0#	2	GM10B	70 KIPS	0.30
	189.195				80# 0#	3	SD40	160 KIPS	0.39
	189.182				80# 0#	4	SD40	198 KIPS	0.32
	189.170				80# 0#	5	GONDOLA	236 KIPS	0.28
	189.026				80# 0#	24	GONDOLA	197 KIPS	0.23
	188.882				80# 0#	43	GONDOLA	149 KIPS	0.11
	188.738				80# 0#	62	GONDOLA	102 KIPS	0.10
	188.594				80# 0#	81	GONDOLA	48 KIPS	0.10
	188.450				80# 0#	100	GONDOLA	2 KIPS	0.00
0:21:10	189.282	0	22 RUN 8	953 REL REL	80# 0#	1	GM6C	0 KIPS	0.13
	189.269				80# 0#	2	GM10B	70 KIPS	0.14
	189.256				80# 0#	3	SD40	160 KIPS	0.15
	189.244				80# 0#	4	SD40	197 KIPS	0.15
	189.231				80# 0#	5	GONDOLA	235 KIPS	0.11
	189.087				80# 0#	24	GONDOLA	193 KIPS	0.00
	188.943				80# 0#	43	GONDOLA	149 KIPS	0.11
	188.799				80# 0#	62	GONDOLA	102 KIPS	0.10
	188.655				80# 0#	81	GONDOLA	55 KIPS	0.10
	188.512				80# 0#	100	GONDOLA	2 KIPS	0.00
-----> TRAIN ENTERING 1.07 % GRADE									
0:21:20	189.343	0	22 RUN 8	952 REL REL	80# 0#	1	GM6C	0 KIPS	0.13
	189.330				80# 0#	2	GM10B	69 KIPS	0.14
	189.317				80# 0#	3	SD40	159 KIPS	0.15
	189.305				80# 0#	4	SD40	196 KIPS	0.15
	189.293				80# 0#	5	GONDOLA	234 KIPS	0.11
	189.149				80# 0#	24	GONDOLA	188 KIPS	0.14
	189.005				80# 0#	43	GONDOLA	149 KIPS	0.13
	188.861				80# 0#	62	GONDOLA	102 KIPS	0.10
	188.717				80# 0#	81	GONDOLA	55 KIPS	0.10
	188.573				80# 0#	100	GONDOLA	3 KIPS	0.08
0:21:30	189.405	0	22 RUN 8	952 REL REL	80# 0#	1	GM6C	0 KIPS	0.13
	189.392				80# 0#	2	GM10B	69 KIPS	0.14
	189.379				80# 0#	3	SD40	157 KIPS	0.15
	189.368				80# 0#	4	SD40	193 KIPS	0.15
	189.354				80# 0#	5	GONDOLA	229 KIPS	0.11
	189.210				80# 0#	24	GONDOLA	181 KIPS	0.17
	189.066				80# 0#	43	GONDOLA	142 KIPS	0.00
	188.922				80# 0#	62	GONDOLA	98 KIPS	0.10
	188.778				80# 0#	81	GONDOLA	52 KIPS	0.10
	188.634				80# 0#	100	GONDOLA	3 KIPS	0.09

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRABBAR FORCES FORE	DRABBAR FORCES AFT	
0:21:40	188.468	0	22	RUN	8	953	REL	REL	80#	0#	0#	0.13
	189.453								80#	0#	0#	0.14
	189.440								80#	0#	0#	0.15
	189.428								80#	0#	0#	0.16
	189.415								80#	0#	0#	0.11
	189.271								80#	0#	0#	0.11
	189.127								80#	0#	0#	0.00
	188.984								80#	0#	0#	0.13
	188.840								80#	0#	0#	0.10
	188.696								80#	0#	0#	0.09
	188.527								80#	0#	0#	0.13
0:21:50	188.514	0	22	RUN	8	954	REL	REL	80#	0#	0#	0.14
	189.501								80#	0#	0#	0.15
	189.488								80#	0#	0#	0.15
	189.477								80#	0#	0#	0.11
	189.323								80#	0#	0#	0.11
	189.189								80#	0#	0#	0.00
	189.048								80#	0#	0#	0.10
	188.901								80#	0#	0#	0.09
	188.757								80#	0#	0#	0.09
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
0:22:0	189.588	0	22	RUN	8	956	REL	REL	80#	0#	0#	0.13
	189.578								80#	0#	0#	0.15
	189.562								80#	0#	0#	0.19
	189.550								80#	0#	0#	0.32
	189.537								80#	0#	0#	0.23
	189.393								80#	0#	0#	0.11
	189.248								80#	0#	0#	0.10
	189.108								80#	0#	0#	0.00
	188.962								80#	0#	0#	0.10
	188.818								80#	0#	0#	0.09
-----> TRAIN ENTERING 4.00 DEGREE CURVE												
0:22:10	189.848	0	22	RUN	6	959	REL	REL	80#	0#	0#	0.12
	189.835								80#	0#	0#	0.00
	189.822								80#	0#	0#	0.00
	189.810								80#	0#	0#	0.00
	189.598								80#	0#	0#	0.11
	189.454								80#	0#	0#	0.10
	189.310								80#	0#	0#	0.10
	189.166								80#	0#	0#	0.10
	189.022								80#	0#	0#	0.09
	188.878								80#	0#	0#	0.09

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABBAR FORCES FORE	FORCES AFT	
0:22:20	189.708	0	21	RUN	6	962	REL	REL	80#	0#	0#	0#	0.20
	189.695								80#	0#	0#	0#	0.30
	189.682								80#	0#	0#	0#	0.15
	189.670								80#	0#	0#	0#	0.12
	189.658								80#	0#	0#	0#	0.11
	189.514								80#	0#	0#	0#	0.10
	189.370								80#	0#	0#	0#	0.10
	189.228								80#	0#	0#	0#	0.00
	189.082								80#	0#	0#	0#	0.08
	188.938								80#	0#	0#	0#	0.13
0:22:30	189.788	0	21	RUN	6	966	REL	REL	80#	0#	0#	0#	0.14
	189.754								80#	0#	0#	0#	0.15
	189.741								80#	0#	0#	0#	0.15
	189.729								80#	0#	0#	0#	0.20
	189.717								80#	0#	0#	0#	0.11
	189.573								80#	0#	0#	0#	0.10
	189.429								80#	0#	0#	0#	0.10
	189.285								80#	0#	0#	0#	0.10
	189.141								80#	0#	0#	0#	0.08
	188.987								80#	0#	0#	0#	0.13
0:22:40	189.826	0	21	RUN	6	970	REL	REL	80#	0#	0#	0#	0.14
	189.813								80#	0#	0#	0#	0.15
	189.800								80#	0#	0#	0#	0.15
	189.787								80#	0#	0#	0#	0.11
	189.775								80#	0#	0#	0#	0.10
	189.631								80#	0#	0#	0#	0.10
	189.487								80#	0#	0#	0#	0.10
	189.343								80#	0#	0#	0#	0.10
	189.199								80#	0#	0#	0#	0.00
	189.055								80#	0#	0#	0#	0.10
0:22:50	189.853	0	20	RUN	6	976	REL	REL	80#	0#	0#	0#	0.13
	189.870								80#	0#	0#	0#	0.14
	189.857								80#	0#	0#	0#	0.15
	189.845								80#	0#	0#	0#	0.15
	189.833								80#	0#	0#	0#	0.12
	189.699								80#	0#	0#	0#	0.12
	189.545								80#	0#	0#	0#	0.10
	189.401								80#	0#	0#	0#	0.10
	189.257								80#	0#	0#	0#	0.10
	189.113								80#	0#	0#	0#	0.00

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS REL	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0:23:0	189.940	0	20	RUN	8	982	REL	REL	80#	0#	1	GM6C	0 KIPS	0.14
	189.927								80#	0#	2	GM10B	73 KIPS	0.15
	189.914								80#	0#	3	SD40	163 KIPS	0.15
	189.901								80#	0#	4	SD40	206 KIPS	0.15
	189.889								80#	0#	5	GONDOLA	246 KIPS	0.12
	189.876								80#	0#	24	GONDOLA	243 KIPS	0.11
	189.861								80#	0#	43	GONDOLA	191 KIPS	0.00
	189.845								80#	0#	82	GONDOLA	141 KIPS	0.10
	189.827								80#	0#	81	GONDOLA	92 KIPS	0.10
	189.813								80#	0#	100	GONDOLA	39 KIPS	0.10
	189.799								80#	0#	1	GM6C	0 KIPS	0.08
	189.785								80#	0#	1	GM6C	73 KIPS	0.13
	189.772								80#	0#	2	GM10B	165 KIPS	0.15
	189.759								80#	0#	3	SD40	208 KIPS	0.21
	189.746								80#	0#	4	SD40	251 KIPS	0.35
	189.733								80#	0#	5	GONDOLA	249 KIPS	0.24
	189.720								80#	0#	24	GONDOLA	197 KIPS	0.11
	189.707								80#	0#	43	GONDOLA	144 KIPS	0.22
	189.694								80#	0#	62	GONDOLA	98 KIPS	0.10
	189.681								80#	0#	81	GONDOLA	45 KIPS	0.10
	189.668								80#	0#	100	GONDOLA	0 KIPS	0.08
	189.655								80#	0#	1	GM6C	68 KIPS	0.00
	189.642								80#	0#	1	GM6C	148 KIPS	0.00
	189.629								80#	0#	2	SD40	192 KIPS	0.00
	189.616								80#	0#	3	SD40	236 KIPS	0.00
	189.603								80#	0#	4	SD40	233 KIPS	0.00
	189.590								80#	0#	5	GONDOLA	184 KIPS	0.11
	189.577								80#	0#	24	GONDOLA	137 KIPS	0.10
	189.564								80#	0#	43	GONDOLA	92 KIPS	0.10
	189.551								80#	0#	62	GONDOLA	42 KIPS	0.10
	189.538								80#	0#	81	GONDOLA	0 KIPS	0.08
	189.525								80#	0#	100	GONDOLA	239 KIPS	0.00
	189.512								80#	0#	1	GM6C	206 KIPS	0.00
	189.500								80#	0#	2	GM10B	212 KIPS	0.00
	189.487								80#	0#	3	SD40	258 KIPS	0.00
	189.474								80#	0#	4	SD40	258 KIPS	0.00
	189.461								80#	0#	5	GONDOLA	234 KIPS	0.00
	189.448								80#	0#	24	GONDOLA	210 KIPS	0.12
	189.435								80#	0#	43	GONDOLA	182 KIPS	0.11
	189.422								80#	0#	62	GONDOLA	168 KIPS	0.11
	189.409								80#	0#	81	GONDOLA	0 KIPS	0.10
	189.396								80#	0#	100	GONDOLA	150 KIPS	0.10
	189.383								80#	0#	1	GM6C	239 KIPS	0.00
	189.370								80#	0#	2	GM10B	206 KIPS	0.00
	189.357								80#	0#	3	SD40	212 KIPS	0.00
	189.344								80#	0#	4	SD40	258 KIPS	0.00
	189.331								80#	0#	5	GONDOLA	234 KIPS	0.00
	189.318								80#	0#	24	GONDOLA	210 KIPS	0.12
	189.305								80#	0#	43	GONDOLA	182 KIPS	0.11
	189.292								80#	0#	62	GONDOLA	168 KIPS	0.11
	189.279								80#	0#	81	GONDOLA	0 KIPS	0.10
	189.266								80#	0#	100	GONDOLA	150 KIPS	0.10
	189.253								80#	0#	1	GM6C	239 KIPS	0.00
	189.240								80#	0#	2	GM10B	206 KIPS	0.00
	189.227								80#	0#	3	SD40	212 KIPS	0.00
	189.214								80#	0#	4	SD40	258 KIPS	0.00
	189.201								80#	0#	5	GONDOLA	234 KIPS	0.00
	189.188								80#	0#	24	GONDOLA	210 KIPS	0.12
	189.175								80#	0#	43	GONDOLA	182 KIPS	0.11
	189.162								80#	0#	62	GONDOLA	168 KIPS	0.11
	189.149								80#	0#	81	GONDOLA	0 KIPS	0.10
	189.136								80#	0#	100	GONDOLA	150 KIPS	0.10
	189.123								80#	0#	1	GM6C	239 KIPS	0.00
	189.110								80#	0#	2	GM10B	206 KIPS	0.00
	189.097								80#	0#	3	SD40	212 KIPS	0.00
	189.084								80#	0#	4	SD40	258 KIPS	0.00
	189.071								80#	0#	5	GONDOLA	234 KIPS	0.00
	189.058								80#	0#	24	GONDOLA	210 KIPS	0.12
	189.045								80#	0#	43	GONDOLA	182 KIPS	0.11
	189.032								80#	0#	62	GONDOLA	168 KIPS	0.11
	189.019								80#	0#	81	GONDOLA	0 KIPS	0.10
	189.006								80#	0#	100	GONDOLA	150 KIPS	0.10

-----> TRAIN ENTERING 4.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:23:13	190.011	0	18	8	993	REL	REL	1	GM9C	0 KIPS	74 KIPS	0.12
	189.998				80#	0#	254:5	2	GM10B	74 KIPS	165 KIPS	0.00
	189.985				80#	0#		3	SD40	165 KIPS	208 KIPS	0.00
	189.973				80#	0#		4	SD40	209 KIPS	234 KIPS	0.00
	189.960				80#	0#		5	GONDOLA	254 KIPS	252 KIPS	0.00
	189.816				80#	0#		24	GONDOLA	226 KIPS	224 KIPS	0.12
	189.872				80#	0#		43	GONDOLA	184 KIPS	192 KIPS	0.11
	189.528				80#	0#		62	GONDOLA	169 KIPS	187 KIPS	0.10
	189.384				80#	0#		81	GONDOLA	137 KIPS	135 KIPS	0.10
	189.240				80#	0#		100	GONDOLA	109 KIPS	0 KIPS	0.10
0:23:14	190.016	0	19	8	994	REL	REL	1	GM9C	0 KIPS	73 KIPS	0.15
	190.003				80#	0#	253:5	2	GM10B	73 KIPS	165 KIPS	0.10
	189.990				80#	0#		3	SD40	165 KIPS	208 KIPS	0.00
	189.978				80#	0#		4	SD40	209 KIPS	253 KIPS	0.00
	189.966				80#	0#		5	GONDOLA	253 KIPS	251 KIPS	0.00
	189.822				80#	0#		24	GONDOLA	218 KIPS	216 KIPS	0.12
	189.878				80#	0#		43	GONDOLA	178 KIPS	177 KIPS	0.11
	189.534				80#	0#		62	GONDOLA	146 KIPS	144 KIPS	0.02
	189.390				80#	0#		81	GONDOLA	107 KIPS	108 KIPS	0.10
	189.246				80#	0#		100	GONDOLA	72 KIPS	0 KIPS	0.10
0:23:20	190.048	0	19	8	998	REL	REL	1	GM9C	0 KIPS	74 KIPS	0.20
	190.035				80#	0#	254:5	2	GM10B	74 KIPS	165 KIPS	0.31
	190.022				80#	0#		3	SD40	165 KIPS	208 KIPS	0.39
	190.010				80#	0#		4	SD40	209 KIPS	254 KIPS	0.10
	189.997				80#	0#		5	GONDOLA	254 KIPS	251 KIPS	0.08
	189.853				80#	0#		24	GONDOLA	209 KIPS	207 KIPS	0.11
	189.710				80#	0#		43	GONDOLA	188 KIPS	187 KIPS	0.11
	189.568				80#	0#		62	GONDOLA	131 KIPS	129 KIPS	0.00
	189.422				80#	0#		81	GONDOLA	88 KIPS	85 KIPS	0.10
	189.278				80#	0#		100	GONDOLA	48 KIPS	0 KIPS	0.10
0:23:30	190.100	0	19	8	1005	REL	REL	1	GM9C	0 KIPS	74 KIPS	0.14
	190.087				80#	0#	257:5	2	GM10B	74 KIPS	165 KIPS	0.31
	190.074				80#	0#		3	SD40	165 KIPS	211 KIPS	0.40
	190.062				80#	0#		4	SD40	211 KIPS	257 KIPS	0.35
	190.050				80#	0#		5	GONDOLA	257 KIPS	254 KIPS	0.27
	189.906				80#	0#		24	GONDOLA	208 KIPS	206 KIPS	0.12
	189.762				80#	0#		43	GONDOLA	185 KIPS	152 KIPS	0.11
	189.618				80#	0#		62	GONDOLA	105 KIPS	102 KIPS	0.00
	189.474				80#	0#		81	GONDOLA	56 KIPS	53 KIPS	0.10
	189.330				80#	0#		100	GONDOLA	3 KIPS	0 KIPS	0.10

-----> TRAIN ENTERING 0.00 DEGREE CURVE

QCM E-D-85/O/

STATION TIME	MP	SPEED LMT RUN	THRTLE AMP	BRAKES SETTING TNN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0:23:40	190.151	0	18	RUN	6	1011 REL REL	1	GMBC	0 KIPS	75 KIPS	0.14
	190.138						2	GM108	75 KIPS	167 KIPS	0.17
	190.125						3	SD40	167 KIPS	214 KIPS	0.18
	190.113						4	SD40	214 KIPS	261 KIPS	0.15
	190.100						5	GONDOLA	261 KIPS	258 KIPS	0.12
	188.956						24	GONDOLA	210 KIPS	207 KIPS	0.24
	189.813						43	GONDOLA	157 KIPS	155 KIPS	0.11
	189.609						62	GONDOLA	104 KIPS	101 KIPS	0.11
	189.525						81	GONDOLA	58 KIPS	54 KIPS	0.10
	189.381						100	GONDOLA	3 KIPS	0 KIPS	0.10
0:23:50	190.201	0	18	RUN	6	1017 REL REL	1	GMBC	0 KIPS	76 KIPS	0.00
	190.188						2	GM108	76 KIPS	188 KIPS	0.10
	190.175						3	SD40	188 KIPS	218 KIPS	0.21
	190.162						4	SD40	218 KIPS	265 KIPS	0.37
	190.150						5	GONDOLA	265 KIPS	283 KIPS	0.26
	190.008						24	GONDOLA	211 KIPS	209 KIPS	0.05
	189.862						43	GONDOLA	181 KIPS	158 KIPS	0.11
	189.718						62	GONDOLA	106 KIPS	103 KIPS	0.11
	189.574						81	GONDOLA	58 KIPS	54 KIPS	0.10
	189.430						100	GONDOLA	3 KIPS	0 KIPS	0.10
0:24:0	190.280	0	17	RUN	6	1022 REL REL	1	GMBC	0 KIPS	76 KIPS	0.00
	190.237						2	GM108	76 KIPS	168 KIPS	0.00
	190.224						3	SD40	168 KIPS	218 KIPS	0.00
	190.211						4	SD40	218 KIPS	268 KIPS	0.00
	190.199						5	GONDOLA	268 KIPS	285 KIPS	0.00
	190.055						24	GONDOLA	215 KIPS	213 KIPS	0.27
	189.911						43	GONDOLA	164 KIPS	181 KIPS	0.11
	189.767						62	GONDOLA	108 KIPS	105 KIPS	0.11
	189.623						81	GONDOLA	55 KIPS	52 KIPS	0.00
	189.478						100	GONDOLA	3 KIPS	0 KIPS	0.10
0:24:10	190.298	0	17	RUN	6	1026 REL REL	1	GMBC	0 KIPS	76 KIPS	0.00
	190.285						2	GM108	76 KIPS	168 KIPS	0.00
	190.271						3	SD40	168 KIPS	219 KIPS	0.00
	190.259						4	SD40	219 KIPS	270 KIPS	0.00
	190.247						5	GONDOLA	270 KIPS	287 KIPS	0.00
	190.103						24	GONDOLA	219 KIPS	216 KIPS	0.12
	189.959						43	GONDOLA	165 KIPS	183 KIPS	0.11
	189.815						62	GONDOLA	110 KIPS	107 KIPS	0.11
	189.671						81	GONDOLA	53 KIPS	51 KIPS	0.10
	189.527						100	GONDOLA	3 KIPS	0 KIPS	0.10

STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING TRN	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER	DRAWBAR FORCES		L/V RATIO					
					IND	PIPE				FORE	AFT						
PS L. JEAN.																	
0:24:11	190.300	0	17	RUN	6	1026	REL	REL	80#	0#	270:5	14:47	1	GM6C	0 KIPS	76 KIPS	0.00
	190.287								80#	0#			2	GM10B	76 KIPS	188 KIPS	0.00
	190.274								80#	0#			3	SD40	168 KIPS	219 KIPS	0.00
	190.262								80#	0#			4	SD40	219 KIPS	270 KIPS	0.00
	190.249								80#	0#			5	GONDOLA	270 KIPS	268 KIPS	0.00
	190.105								80#	0#			24	GONDOLA	220 KIPS	217 KIPS	0.12
	189.961								80#	0#			43	GONDOLA	165 KIPS	163 KIPS	0.00
	189.817								80#	0#			62	GONDOLA	110 KIPS	107 KIPS	0.11
	189.673								80#	0#			81	GONDOLA	53 KIPS	50 KIPS	0.10
	189.530								80#	0#			100	GONDOLA	3 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.00 % GRADE																	
0:24:20	190.345	0	17	RUN	6	1029	REL	REL	80#	0#	284:5	25:39	1	GM6C	0 KIPS	80 KIPS	0.00
	190.332								80#	0#			2	GM10B	80 KIPS	176 KIPS	0.00
	190.319								80#	0#			3	SD40	176 KIPS	232 KIPS	0.00
	190.306								80#	0#			4	SD40	232 KIPS	284 KIPS	0.00
	190.294								80#	0#			5	GONDOLA	284 KIPS	282 KIPS	0.00
	190.150								80#	0#			24	GONDOLA	232 KIPS	230 KIPS	0.12
	190.006								80#	0#			43	GONDOLA	174 KIPS	171 KIPS	0.10
	189.862								80#	0#			62	GONDOLA	118 KIPS	115 KIPS	0.11
	189.718								80#	0#			81	GONDOLA	59 KIPS	55 KIPS	0.10
	189.574								80#	0#	288:5	24:43	100	GONDOLA	3 KIPS	0 KIPS	0.00
0:24:30	190.392	0	17	RUN	6	1030	REL	REL	80#	0#			1	GM6C	0 KIPS	80 KIPS	0.00
	190.378								80#	0#			2	GM10B	80 KIPS	176 KIPS	0.00
	190.365								80#	0#			3	SD40	176 KIPS	232 KIPS	0.00
	190.353								80#	0#			4	SD40	232 KIPS	288 KIPS	0.00
	190.341								80#	0#			5	GONDOLA	288 KIPS	287 KIPS	0.00
	190.197								80#	0#			24	GONDOLA	245 KIPS	242 KIPS	0.00
	190.053								80#	0#			43	GONDOLA	186 KIPS	183 KIPS	0.24
	189.908								80#	0#			62	GONDOLA	127 KIPS	124 KIPS	0.11
	189.765								80#	0#			81	GONDOLA	64 KIPS	61 KIPS	0.10
	189.621								80#	0#			100	GONDOLA	3 KIPS	0 KIPS	0.00
0:24:40	190.438	0	17	RUN	6	1030	REL	REL	80#	0#	287:5	24:37	1	GM6C	0 KIPS	80 KIPS	0.00
	190.425								80#	0#			2	GM10B	80 KIPS	176 KIPS	0.00
	190.412								80#	0#			3	SD40	176 KIPS	232 KIPS	0.00
	190.400								80#	0#			4	SD40	232 KIPS	287 KIPS	0.00
	190.388								80#	0#			5	GONDOLA	287 KIPS	287 KIPS	0.00
	190.244								80#	0#			24	GONDOLA	257 KIPS	254 KIPS	0.00
	190.100								80#	0#			43	GONDOLA	197 KIPS	194 KIPS	0.11
	189.956								80#	0#			62	GONDOLA	134 KIPS	131 KIPS	0.13
	189.812								80#	0#			81	GONDOLA	69 KIPS	66 KIPS	0.10
	189.668								80#	0#			100	GONDOLA	3 KIPS	0 KIPS	0.10

QCM E-D-98/0/

STATION TIME	MP	SPEED LMT RUN	THITLE TRN INO PIPE	AMPS CYL	SETTING REL	PRESSURE REL	BRAKES TRN INO PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:24:50	190.486	0	17	RUN	6	1027	REL	REL	80#	0#	0#	80 KIPS	0.00
	190.472								80#	0#	0#	175 KIPS	0.00
	190.459								80#	0#	0#	230 KIPS	0.00
	190.447								80#	0#	0#	288 KIPS	0.00
	190.435								80#	0#	0#	285 KIPS	0.00
	190.291								80#	0#	0#	284 KIPS	0.00
	190.147								80#	0#	0#	203 KIPS	0.14
	190.003								80#	0#	0#	135 KIPS	0.03
	189.859								80#	0#	0#	88 KIPS	0.10
	189.715								80#	0#	0#	0 KIPS	0.10
0:25:0	190.533	0	17	RUN	6	1021	REL	REL	80#	0#	0#	79 KIPS	0.00
	190.520								80#	0#	0#	174 KIPS	0.00
	190.507								80#	0#	0#	228 KIPS	0.00
	190.495								80#	0#	0#	283 KIPS	0.00
	190.483								80#	0#	0#	282 KIPS	0.00
	190.339								80#	0#	0#	269 KIPS	0.00
	190.195								80#	0#	0#	210 KIPS	0.00
	190.051								80#	0#	0#	140 KIPS	0.13
	189.907								80#	0#	0#	72 KIPS	0.10
	189.763								80#	0#	0#	0 KIPS	0.10
0:25:10	190.583	0	18	RUN	6	1014	REL	REL	80#	0#	0#	78 KIPS	0.00
	190.570								80#	0#	0#	173 KIPS	0.00
	190.556								80#	0#	0#	226 KIPS	0.00
	190.544								80#	0#	0#	278 KIPS	0.00
	190.532								80#	0#	0#	278 KIPS	0.00
	190.388								80#	0#	0#	264 KIPS	0.00
	190.244								80#	0#	0#	216 KIPS	0.00
	190.100								80#	0#	0#	148 KIPS	0.11
	189.956								80#	0#	0#	74 KIPS	0.11
	189.812								80#	0#	0#	0 KIPS	0.10
0:25:20	190.633	0	19	RUN	6	1006	REL	REL	80#	0#	0#	78 KIPS	0.00
	190.620								80#	0#	0#	172 KIPS	0.00
	190.607								80#	0#	0#	223 KIPS	0.00
	190.595								80#	0#	0#	273 KIPS	0.00
	190.583								80#	0#	0#	272 KIPS	0.00
	190.439								80#	0#	0#	256 KIPS	0.00
	190.295								80#	0#	0#	222 KIPS	0.00
	190.151								80#	0#	0#	152 KIPS	0.11
	190.007								80#	0#	0#	76 KIPS	0.08
	189.863								80#	0#	0#	0 KIPS	0.10

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS 1001	REL	BRAKES TRN IND PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	AFT	
0:25:23	190.850	0	19	RUN	8	1001	REL	REL	80#	0#	287:5	15:56	0.00
	190.837								80#	0#	0 KIPS	77 KIPS	0.00
	190.824								80#	0#	0 KIPS	171 KIPS	0.00
	190.812								80#	0#	171 KIPS	219 KIPS	0.00
	190.800								80#	0#	219 KIPS	287 KIPS	0.00
	190.788								80#	0#	287 KIPS	286 KIPS	0.00
	190.776								80#	0#	286 KIPS	247 KIPS	0.00
	190.764								80#	0#	247 KIPS	224 KIPS	0.00
	190.752								80#	0#	224 KIPS	153 KIPS	0.00
	190.740								80#	0#	153 KIPS	75 KIPS	0.11
	190.728								80#	0#	75 KIPS	0 KIPS	0.10
-----> RUN 3													
0:25:24	190.885	0	19	RUN	3	959	REL	REL	80#	0#	283:5	11:53	0.00
	190.842								80#	0#	0 KIPS	78 KIPS	0.00
	190.829								80#	0#	78 KIPS	168 KIPS	0.00
	190.817								80#	0#	168 KIPS	216 KIPS	0.00
	190.804								80#	0#	216 KIPS	263 KIPS	0.00
	190.792								80#	0#	263 KIPS	282 KIPS	0.00
	190.780								80#	0#	282 KIPS	242 KIPS	0.00
	190.768								80#	0#	242 KIPS	222 KIPS	0.00
	190.756								80#	0#	222 KIPS	152 KIPS	0.00
	190.744								80#	0#	152 KIPS	78 KIPS	0.10
	190.732								80#	0#	78 KIPS	0 KIPS	0.10
	190.720								80#	0#	0 KIPS	73 KIPS	0.00
	190.708								80#	0#	73 KIPS	163 KIPS	0.00
	190.696								80#	0#	163 KIPS	208 KIPS	0.00
	190.684								80#	0#	208 KIPS	254 KIPS	0.00
	190.672								80#	0#	254 KIPS	234 KIPS	0.00
	190.660								80#	0#	234 KIPS	218 KIPS	0.00
	190.648								80#	0#	218 KIPS	148 KIPS	0.00
	190.636								80#	0#	148 KIPS	72 KIPS	0.10
	190.624								80#	0#	72 KIPS	0 KIPS	0.10
	190.612								80#	0#	0 KIPS	64 KIPS	0.00
	190.600								80#	0#	64 KIPS	148 KIPS	0.00
	190.588								80#	0#	148 KIPS	189 KIPS	0.00
	190.576								80#	0#	189 KIPS	230 KIPS	0.00
	190.564								80#	0#	230 KIPS	229 KIPS	0.00
	190.552								80#	0#	229 KIPS	218 KIPS	0.00
	190.540								80#	0#	218 KIPS	202 KIPS	0.00
	190.528								80#	0#	202 KIPS	139 KIPS	0.00
	190.516								80#	0#	139 KIPS	63 KIPS	0.10
	190.504								80#	0#	63 KIPS	0 KIPS	0.10
	190.492								80#	0#	0 KIPS	3 KIPS	0.10

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STATION TIME	MP	SPEED LMT RUN	THLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	DRABAR FORCES AFT	
0:25:40	190.737	0	18	RUN	3	533	REL	REL	1	GM5C	0 KIPS	38 KIPS	0.00
	190.724								2	GM10B	39 KIPS	87 KIPS	0.00
	190.711								3	SD40	87 KIPS	113 KIPS	0.00
	190.699								4	SD40	113 KIPS	138 KIPS	0.00
	190.686								5	GONDOLA	138 KIPS	140 KIPS	0.00
	190.542								24	GONDOLA	140 KIPS	140 KIPS	0.00
	190.542								43	GONDOLA	140 KIPS	140 KIPS	0.00
	190.399								62	GONDOLA	109 KIPS	107 KIPS	0.00
	190.258								81	GONDOLA	58 KIPS	55 KIPS	0.10
	190.111								100	GONDOLA	3 KIPS	0 KIPS	0.10
	189.967									GM5C	0 KIPS	39 KIPS	0.00
	190.788								1	GM10B	39 KIPS	83 KIPS	0.00
0:25:50	190.775	0	18	RUN	3	534	REL	REL	2	SD40	83 KIPS	103 KIPS	0.00
	190.762								3	SD40	103 KIPS	124 KIPS	0.00
	190.750								4	GONDOLA	124 KIPS	124 KIPS	0.00
	190.737								5	GONDOLA	124 KIPS	128 KIPS	0.00
	190.594								24	GONDOLA	128 KIPS	128 KIPS	0.00
	190.450								43	GONDOLA	116 KIPS	114 KIPS	0.00
	190.306								62	GONDOLA	63 KIPS	60 KIPS	0.12
	190.162								81	GONDOLA	3 KIPS	0 KIPS	0.08
	190.018								100	GONDOLA	0 KIPS	38 KIPS	0.00
0:25:52	190.800	0	18	RUN	3	534	REL	REL	1	GM5C	0 KIPS	38 KIPS	0.00
	190.787								2	GM10B	39 KIPS	83 KIPS	0.00
	190.774								3	SD40	83 KIPS	103 KIPS	0.00
	190.762								4	SD40	103 KIPS	123 KIPS	0.00
	190.748								5	GONDOLA	123 KIPS	123 KIPS	0.00
	190.805								24	GONDOLA	121 KIPS	120 KIPS	0.00
	190.481								43	GONDOLA	118 KIPS	118 KIPS	0.00
	190.317								62	GONDOLA	118 KIPS	114 KIPS	0.00
	190.173								81	GONDOLA	63 KIPS	60 KIPS	0.00
	190.030								100	GONDOLA	3 KIPS	0 KIPS	0.08
-----> 12 POUND REDUCTION													
-----> RUN 1													
0:25:53	190.805	0	18	RUN	1	484	REL	REL	1	GM5C	0 KIPS	38 KIPS	0.00
	190.792								2	GM10B	38 KIPS	80 KIPS	0.00
	190.778								3	SD40	80 KIPS	100 KIPS	0.00
	190.767								4	SD40	100 KIPS	120 KIPS	0.00
	190.754								5	GONDOLA	120 KIPS	120 KIPS	0.00
	190.610								24	GONDOLA	117 KIPS	117 KIPS	0.00
	190.468								43	GONDOLA	114 KIPS	114 KIPS	0.00
	190.322								62	GONDOLA	111 KIPS	111 KIPS	0.00
	190.179								81	GONDOLA	82 KIPS	80 KIPS	0.00
	190.035								100	GONDOLA	3 KIPS	0 KIPS	0.08

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN	SETTING REL	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABBAR FORCES FORE	AFT	
0:25:54	190.810	0	18	RUN	1	344	12#	REL	78# 3#	111:5	10:92	1	0.00
	190.797					80# 0#					0 KIPS	34 KIPS	0.00
	190.784					80# 0#					34 KIPS	75 KIPS	0.00
	190.772					80# 0#					75 KIPS	93 KIPS	0.00
	190.759					80# 0#					93 KIPS	111 KIPS	0.00
	190.615					80# 0#					111 KIPS	111 KIPS	0.00
	190.471					80# 0#					109 KIPS	109 KIPS	0.00
	190.328					80# 0#					108 KIPS	108 KIPS	0.00
	190.184					80# 0#					107 KIPS	107 KIPS	0.00
	190.040					80# 0#					59 KIPS	59 KIPS	0.00
0:25:55	190.815	0	18	RUN	1	237	12#	REL	78# 7#	98:51	10:91	100	0.08
	190.802					77# 5#					0 KIPS	0 KIPS	0.00
	190.789					78# 3#					25 KIPS	25 KIPS	0.00
	190.777					79# 1#					65 KIPS	65 KIPS	0.00
	190.764					80# 0#					80 KIPS	80 KIPS	0.00
	190.620					80# 0#					80 KIPS	95 KIPS	0.00
	190.477					80# 0#					95 KIPS	97 KIPS	0.00
	190.333					80# 0#					97 KIPS	98 KIPS	0.00
	190.189					80# 0#					98 KIPS	98 KIPS	0.00
	190.045					80# 0#					52 KIPS	50 KIPS	0.00
0:25:56	190.820	0	18	RUN	1	218	12#	REL	74# 11#	91:54	10:91	100	0.08
	190.807					75# 8#					0 KIPS	0 KIPS	0.00
	190.784					76# 7#					18 KIPS	18 KIPS	0.00
	190.782					77# 5#					53 KIPS	53 KIPS	0.00
	190.769					80# 0#					53 KIPS	58 KIPS	0.00
	190.626					80# 0#					65 KIPS	77 KIPS	0.00
	190.482					80# 0#					78 KIPS	77 KIPS	0.00
	190.336					80# 0#					82 KIPS	82 KIPS	0.00
	190.194					80# 0#					87 KIPS	87 KIPS	0.00
	190.050					80# 0#					91 KIPS	91 KIPS	0.00
0:25:57	190.825	0	18	RUN	1	218	12#	REL	72# 14#	84:53	10:91	100	0.08
	190.812					74# 12#					2 KIPS	0 KIPS	0.00
	190.799					74# 11#					0 KIPS	10 KIPS	0.00
	190.787					75# 10#					10 KIPS	43 KIPS	0.00
	190.774					79# 2#					43 KIPS	52 KIPS	0.00
	190.631					80# 0#					52 KIPS	61 KIPS	0.00
	190.487					80# 0#					61 KIPS	61 KIPS	0.00
	190.343					80# 0#					61 KIPS	69 KIPS	0.00
	190.199					80# 0#					69 KIPS	77 KIPS	0.00
	190.055					80# 0#					77 KIPS	84 KIPS	0.00
						80# 0#					84 KIPS	43 KIPS	0.00
						80# 0#					43 KIPS	0 KIPS	0.08

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS SETTING	BRAKES TRN IND PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES		L/V RATIO
										FORE	AFT	
0:25:58	190.830	0	18	RUN	1	218	12# REL	71# 16#	GMSC	0 KIPS	8 KIPS	0.00
	190.817							72# 14#	GM108	8 KIPS	38 KIPS	0.00
	190.804							72# 14#	SD40	41 KIPS	41 KIPS	0.00
	190.782							73# 13#	SD40	47 KIPS	47 KIPS	0.00
	190.778							78# 4#	GONDOLA	48 KIPS	48 KIPS	0.00
	190.778							80# 0#	GONDOLA	58 KIPS	58 KIPS	0.00
	190.636							80# 0#	GONDOLA	68 KIPS	68 KIPS	0.00
	190.492							80# 0#	GONDOLA	78 KIPS	78 KIPS	0.00
	190.348							80# 0#	GONDOLA	43 KIPS	41 KIPS	0.00
	190.204							80# 0#	GONDOLA	2 KIPS	0 KIPS	0.08
0:25:59	190.080							80# 0#	GMSC	0 KIPS	7 KIPS	0.00
	190.835	0	18	RUN	1	218	12# REL	71# 16#	GM108	7 KIPS	28 KIPS	0.00
	190.822							71# 17#	SD40	28 KIPS	33 KIPS	0.00
	190.808							72# 18#	SD40	37 KIPS	37 KIPS	0.00
	190.797							77# 6#	GONDOLA	49 KIPS	48 KIPS	0.00
	190.784							79# 2#	GONDOLA	61 KIPS	61 KIPS	0.00
	190.641							80# 0#	GONDOLA	68 KIPS	68 KIPS	0.00
	190.497							80# 0#	GONDOLA	42 KIPS	40 KIPS	0.00
	190.363							80# 0#	GONDOLA	2 KIPS	0 KIPS	0.08
	190.209							80# 0#	GONDOLA	0 KIPS	8 KIPS	0.00
0:26:0	190.065							84:58	GMSC	0 KIPS	18 KIPS	0.00
	190.838	0	18	RUN	1	218	12# REL	70# 20#	GM108	18 KIPS	28 KIPS	0.00
	190.828							71# 19#	SD40	28 KIPS	28 KIPS	0.00
	190.812							71# 17#	SD40	28 KIPS	28 KIPS	0.00
	190.800							77# 6#	GONDOLA	41 KIPS	42 KIPS	0.00
	190.788							78# 3#	GONDOLA	53 KIPS	53 KIPS	0.00
	190.644							80# 0#	GONDOLA	59 KIPS	60 KIPS	0.00
	190.500							80# 0#	GONDOLA	41 KIPS	38 KIPS	0.00
	190.358							80# 0#	GONDOLA	2 KIPS	0 KIPS	0.08
	190.212							80# 0#	GONDOLA	0 KIPS	5 KIPS	0.00
0:26:1	190.068							82:59	GMSC	5 KIPS	13 KIPS	0.00
	190.844	0	18	RUN	1	218	12# REL	69# 23#	GM108	13 KIPS	17 KIPS	0.00
	190.831							70# 21#	SD40	17 KIPS	20 KIPS	0.00
	190.817							70# 20#	SD40	20 KIPS	21 KIPS	0.00
	190.806							76# 7#	GONDOLA	34 KIPS	34 KIPS	0.00
	190.793							78# 4#	GONDOLA	43 KIPS	44 KIPS	0.00
	190.649							79# 2#	GONDOLA	58 KIPS	57 KIPS	0.00
	190.505							80# 0#	GONDOLA	40 KIPS	38 KIPS	0.00
	190.361							80# 0#	GONDOLA	2 KIPS	0 KIPS	0.08
	190.217							80# 0#	GONDOLA	2 KIPS	0 KIPS	0.08

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 219	SETTING 12#	TRN	IND	PIPE	BRAKES CYL	PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES		L/V RATIO	
														FORE	AFT		
0:28: 2	190.848	0	18	RUN	1	219	12#	REL	68#	25#	59:69	10:92	1	GMBC	0 KIPS	4 KIPS	0.00
	190.835					69#	23#		69#	23#			2	GM108	4 KIPS	11 KIPS	0.00
	190.822					69#	23#		69#	23#			3	SD40	11 KIPS	8 KIPS	0.00
	190.810					69#	22#		69#	22#			4	SD40	8 KIPS	13 KIPS	0.00
	190.798					75#	8#		75#	8#			5	GONDOLA	13 KIPS	14 KIPS	0.00
	190.654					77#	5#		77#	5#			24	GONDOLA	25 KIPS	25 KIPS	0.00
	190.510					78#	3#		78#	3#			43	GONDOLA	36 KIPS	37 KIPS	0.00
	190.366					79#	2#		79#	2#			62	GONDOLA	52 KIPS	53 KIPS	0.00
	190.222					80#	0#		80#	0#			81	GONDOLA	39 KIPS	37 KIPS	0.00
	190.078					80#	0#		80#	0#			100	GONDOLA	2 KIPS	0 KIPS	0.00
0:28: 3	190.853	0	18	RUN	1	220	12#	REL	68#	27#	58:70	10:93	1	GMBC	0 KIPS	3 KIPS	0.00
	190.840					68#	26#		68#	26#			2	GM108	3 KIPS	10 KIPS	0.00
	190.827					68#	25#		68#	25#			3	SD40	10 KIPS	5 KIPS	0.00
	190.815					68#	24#		68#	24#			4	SD40	5 KIPS	0 KIPS	0.00
	190.803					75#	9#		75#	9#			5	GONDOLA	0 KIPS	5 KIPS	0.00
	190.659					76#	6#		76#	6#			24	GONDOLA	15 KIPS	16 KIPS	0.00
	190.515					77#	4#		77#	4#			43	GONDOLA	31 KIPS	32 KIPS	0.00
	190.371					78#	3#		78#	3#			62	GONDOLA	49 KIPS	50 KIPS	0.00
	190.227					79#	1#		79#	1#			81	GONDOLA	38 KIPS	38 KIPS	0.00
	190.083					80#	0#		80#	0#			100	GONDOLA	2 KIPS	0 KIPS	0.00
0:28: 4	190.858	0	17	RUN	1	220	12#	REL	68#	28#	53:71	10:94	1	GMBC	0 KIPS	3 KIPS	0.00
	190.845					68#	28#		68#	28#			2	GM108	3 KIPS	10 KIPS	0.00
	190.832					68#	27#		68#	27#			3	SD40	10 KIPS	0 KIPS	0.00
	190.820					68#	27#		68#	27#			4	SD40	0 KIPS	-24 KIPS	0.00
	190.807					74#	10#		74#	10#			5	GONDOLA	-24 KIPS	-38 KIPS	0.00
	190.664					76#	7#		76#	7#			24	GONDOLA	6 KIPS	7 KIPS	0.00
	190.520					77#	6#		77#	6#			43	GONDOLA	25 KIPS	26 KIPS	0.00
	190.376					78#	4#		78#	4#			62	GONDOLA	44 KIPS	45 KIPS	0.00
	190.232					78#	3#		78#	3#			81	GONDOLA	37 KIPS	38 KIPS	0.00
	190.088					79#	1#		79#	1#			100	GONDOLA	3 KIPS	0 KIPS	0.00
0:28: 5	190.863	0	17	RUN	1	221	12#	REL	68#	28#	51:71	10:94	1	GMBC	0 KIPS	2 KIPS	0.00
	190.850					68#	28#		68#	28#			2	GM108	2 KIPS	7 KIPS	0.00
	190.837					68#	28#		68#	28#			3	SD40	7 KIPS	0 KIPS	0.00
	190.825					68#	28#		68#	28#			4	SD40	0 KIPS	-18 KIPS	0.01
	190.812					74#	11#		74#	11#			5	GONDOLA	-19 KIPS	-31 KIPS	0.01
	190.668					75#	8#		75#	8#			24	GONDOLA	5 KIPS	6 KIPS	0.00
	190.524					76#	6#		76#	6#			43	GONDOLA	22 KIPS	23 KIPS	0.00
	190.380					77#	5#		77#	5#			62	GONDOLA	42 KIPS	43 KIPS	0.00
	190.237					78#	4#		78#	4#			81	GONDOLA	36 KIPS	34 KIPS	0.00
	190.093					78#	3#		78#	3#			100	GONDOLA	3 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED			THITLE			AMP'S			SETTING			PRESSURE			MAXIMUMS			POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
		LMT	RUN	1	17	0	0	17	1	1	222	12#	REL	TRN	IND	PIPE	CYL	KIPS:CAR	L/V:CAR			DRAMBAR FORCES	AFT	
0:26: 6	190.868																							
	190.865																							
	190.842																							
	190.828																							
	190.817																							
	190.673																							
	190.628																							
	190.528																							
	190.385																							
	190.241																							
0:26: 7	190.087																							
	190.873																							
	190.860																							
	190.848																							
	190.834																							
	190.822																							
	190.678																							
	190.534																							
	190.390																							
	190.248																							
0:26: 8	190.102																							
	190.877																							
	190.864																							
	190.851																							
	190.838																							
	190.827																							
	190.683																							
	190.538																							
	190.395																							
	190.251																							
0:26: 9	190.107																							
	190.882																							
	190.869																							
	190.856																							
	190.844																							
	190.831																							
	190.687																							
	190.543																							
	190.399																							
	190.255																							

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	BRAKES SETTING IND	PRESSURE PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAWBAR FORCES FORE	DRAWBAR FORCES AFT	
0:26:10	190.887	0	17	RUN	1	223	12# REL	68# 28#	GM5C	0 KIPS	4 KIPS	0.00
	190.874							68# 28#	GM10B	4 KIPS	11 KIPS	0.00
	190.860							68# 28#	SD40	11 KIPS	9 KIPS	0.00
	190.848							68# 28#	SD40	9 KIPS	0 KIPS	0.00
	190.836							72# 16#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.822							73# 12#	GONDOLA	2 KIPS	3 KIPS	0.00
	190.808							74# 11#	GONDOLA	14 KIPS	15 KIPS	0.00
	190.794							75# 9#	GONDOLA	29 KIPS	30 KIPS	0.00
	190.780							75# 8#	GONDOLA	32 KIPS	30 KIPS	0.00
	190.766							76# 7#	GONDOLA	2 KIPS	0 KIPS	0.09
0:26:11	190.752	0	16	RUN	1	223	12# REL	68# 28#	GM5C	0 KIPS	4 KIPS	0.00
	190.738							68# 28#	GM10B	4 KIPS	11 KIPS	0.00
	190.724							68# 28#	SD40	11 KIPS	5 KIPS	0.00
	190.710							68# 28#	SD40	5 KIPS	0 KIPS	0.00
	190.696							71# 16#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.682							73# 13#	GONDOLA	2 KIPS	2 KIPS	0.00
	190.668							74# 11#	GONDOLA	14 KIPS	14 KIPS	0.00
	190.654							74# 10#	GONDOLA	29 KIPS	30 KIPS	0.00
	190.640							75# 9#	GONDOLA	33 KIPS	31 KIPS	0.00
	190.626							75# 8#	GONDOLA	2 KIPS	0 KIPS	0.08
0:26:12	190.612	0	16	RUN	1	224	12# REL	68# 28#	GM5C	0 KIPS	4 KIPS	0.00
	190.598							68# 28#	GM10B	4 KIPS	11 KIPS	0.00
	190.584							68# 28#	SD40	11 KIPS	-70 KIPS	0.02
	190.570							68# 28#	SD40	-70 KIPS	-59 KIPS	0.03
	190.556							71# 17#	GONDOLA	-58 KIPS	-53 KIPS	0.03
	190.542							72# 14#	GONDOLA	1 KIPS	1 KIPS	0.00
	190.528							73# 12#	GONDOLA	13 KIPS	14 KIPS	0.00
	190.514							74# 11#	GONDOLA	28 KIPS	29 KIPS	0.00
	190.500							74# 10#	GONDOLA	33 KIPS	32 KIPS	0.00
	190.486							75# 9#	GONDOLA	2 KIPS	0 KIPS	0.08
0:26:13	190.472	0	16	RUN	1	225	12# REL	68# 28#	GM5C	0 KIPS	0 KIPS	0.00
	190.458							68# 28#	GM10B	0 KIPS	-45 KIPS	0.00
	190.444							68# 28#	SD40	-45 KIPS	-38 KIPS	0.02
	190.430							68# 28#	SD40	-38 KIPS	-32 KIPS	0.03
	190.416							71# 18#	GONDOLA	-32 KIPS	-28 KIPS	0.03
	190.402							72# 15#	GONDOLA	-40 KIPS	-30 KIPS	0.00
	190.388							73# 13#	GONDOLA	12 KIPS	13 KIPS	0.00
	190.374							73# 11#	GONDOLA	27 KIPS	28 KIPS	0.00
	190.360							74# 10#	GONDOLA	34 KIPS	32 KIPS	0.00
	190.346							74# 9#	GONDOLA	2 KIPS	0 KIPS	0.10

QCM E-D-86/0/

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS 1	SETTING 12#	REL	BRAKES TRN IND PIPE CYL	PRESSURE KIPS: CAR L/V: CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
												DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:26:14	190.905	0	16	RUN	1	224	12#	REL	88# 28#	1	GM5C	0 KIPS	-35 KIPS	0.00
	190.892								88# 28#	2	GM10B	-35 KIPS	28 KIPS	0.00
	190.878								88# 28#	3	SD40	28 KIPS	-7 KIPS	0.00
	190.866								88# 28#	4	SD40	-13 KIPS	-13 KIPS	0.01
	190.854								71# 19#	5	GONDOLA	0 KIPS	0 KIPS	0.00
	190.710								72# 15#	24	GONDOLA	11 KIPS	12 KIPS	0.00
	190.568								72# 13#	43	GONDOLA	28 KIPS	27 KIPS	0.00
	190.422								73# 12#	62	GONDOLA	34 KIPS	32 KIPS	0.00
	190.278								74# 11#	81	GONDOLA	2 KIPS	0 KIPS	0.10
	190.134								74# 10#	100	GONDOLA	0 KIPS	0 KIPS	0.00
0:26:15	190.909	0	16	RUN	1	224	12#	REL	88# 28#	1	GM5C	0 KIPS	0 KIPS	0.00
	190.895								88# 28#	2	GM10B	0 KIPS	8 KIPS	0.00
	190.883								88# 28#	3	SD40	8 KIPS	0 KIPS	0.00
	190.871								88# 28#	4	SD40	0 KIPS	-7 KIPS	0.01
	190.858								70# 19#	5	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.714								71# 16#	24	GONDOLA	-33 KIPS	-38 KIPS	0.00
	190.570								72# 14#	43	GONDOLA	11 KIPS	11 KIPS	0.00
	190.426								73# 13#	62	GONDOLA	25 KIPS	28 KIPS	0.00
	190.282								74# 12#	81	GONDOLA	34 KIPS	32 KIPS	0.00
	190.138								74# 11#	100	GONDOLA	2 KIPS	0 KIPS	0.10
0:26:16	190.913	0	16	RUN	1	224	12#	REL	88# 28#	1	GM5C	0 KIPS	40 KIPS	0.00
	190.900								88# 28#	2	GM10B	40 KIPS	20 KIPS	0.00
	190.887								88# 28#	3	SD40	20 KIPS	18 KIPS	0.00
	190.875								88# 28#	4	SD40	15 KIPS	-7 KIPS	0.00
	190.863								70# 20#	5	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.719								71# 17#	24	GONDOLA	-28 KIPS	-32 KIPS	0.00
	190.575								72# 15#	43	GONDOLA	10 KIPS	11 KIPS	0.00
	190.431								72# 13#	62	GONDOLA	24 KIPS	25 KIPS	0.00
	190.287								73# 12#	81	GONDOLA	34 KIPS	33 KIPS	0.00
	190.143								73# 11#	100	GONDOLA	2 KIPS	0 KIPS	0.00
0:26:17	190.918	0	16	RUN	1	225	12#	REL	88# 28#	1	GM5C	0 KIPS	4 KIPS	0.00
	190.905								88# 28#	2	GM10B	4 KIPS	10 KIPS	0.00
	190.891								88# 28#	3	SD40	10 KIPS	5 KIPS	0.00
	190.879								88# 28#	4	SD40	5 KIPS	-13 KIPS	0.01
	190.867								70# 21#	5	GONDOLA	-13 KIPS	-11 KIPS	0.01
	190.723								71# 17#	24	GONDOLA	-21 KIPS	-25 KIPS	0.00
	190.578								72# 15#	43	GONDOLA	9 KIPS	10 KIPS	0.00
	190.435								72# 14#	62	GONDOLA	23 KIPS	24 KIPS	0.00
	190.291								72# 13#	81	GONDOLA	34 KIPS	33 KIPS	0.00
	190.147								73# 12#	100	GONDOLA	2 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS SETTLING	BRAKES TRN INO PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:26:18	180.922	0	15	228	12#	REL	68# 28#	1	GMBC	0 KIPS	2 KIPS	0.00
	180.909				68# 28#		68# 28#	2	GM10B	2 KIPS	7 KIPS	0.00
	180.896				68# 28#		68# 28#	3	SD40	7 KIPS	0 KIPS	0.00
	180.883				68# 28#		68# 28#	4	SD40	0 KIPS	-7 KIPS	0.01
	180.871				70# 21#		70# 21#	5	GONDOLA	-7 KIPS	-7 KIPS	0.01
	180.727				71# 18#		71# 18#	24	GONDOLA	-11 KIPS	-14 KIPS	0.00
	180.563				71# 18#		71# 18#	43	GONDOLA	8 KIPS	9 KIPS	0.00
	180.439				72# 15#		72# 15#	62	GONDOLA	22 KIPS	23 KIPS	0.00
	180.295				72# 14#		72# 14#	81	GONDOLA	35 KIPS	33 KIPS	0.00
	180.151				73# 13#		73# 13#	100	GONDOLA	2 KIPS	0 KIPS	0.00
0:26:19	180.926	0	15	227	12#	REL	68# 28#	1	GMBC	0 KIPS	-3 KIPS	0.00
	180.913				68# 28#		68# 28#	2	GM10B	-3 KIPS	0 KIPS	0.00
	180.900				68# 28#		68# 28#	3	SD40	0 KIPS	-21 KIPS	0.02
	180.888				68# 28#		68# 28#	4	SD40	-21 KIPS	-18 KIPS	0.03
	180.875				69# 22#		69# 22#	5	GONDOLA	-18 KIPS	-16 KIPS	0.03
	180.731				71# 19#		71# 19#	24	GONDOLA	-8 KIPS	-11 KIPS	0.00
	180.587				71# 17#		71# 17#	43	GONDOLA	7 KIPS	8 KIPS	0.00
	180.443				72# 15#		72# 15#	62	GONDOLA	21 KIPS	22 KIPS	0.00
	180.299				72# 14#		72# 14#	81	GONDOLA	35 KIPS	33 KIPS	0.00
	180.156				72# 13#		72# 13#	100	GONDOLA	2 KIPS	0 KIPS	0.00
0:26:20	180.930	0	15	227	12#	REL	68# 28#	1	GMBC	0 KIPS	-1 KIPS	0.00
	180.917				68# 28#		68# 28#	2	GM10B	-1 KIPS	22 KIPS	0.00
	180.904				68# 28#		68# 28#	3	SD40	22 KIPS	-7 KIPS	0.00
	180.892				68# 28#		68# 28#	4	SD40	-7 KIPS	-13 KIPS	0.01
	180.879				69# 23#		69# 23#	5	GONDOLA	-13 KIPS	-13 KIPS	0.01
	180.735				70# 18#		70# 18#	24	GONDOLA	-5 KIPS	-8 KIPS	0.00
	180.591				71# 17#		71# 17#	43	GONDOLA	8 KIPS	7 KIPS	0.00
	180.447				71# 16#		71# 16#	62	GONDOLA	20 KIPS	20 KIPS	0.00
	180.304				72# 15#		72# 15#	81	GONDOLA	35 KIPS	34 KIPS	0.00
	180.160				72# 14#		72# 14#	100	GONDOLA	2 KIPS	0 KIPS	0.00
0:26:21	180.934	0	14	227	12#	REL	68# 28#	1	GMBC	0 KIPS	38 KIPS	0.00
	180.921				68# 28#		68# 28#	2	GM10B	38 KIPS	19 KIPS	0.00
	180.908				68# 28#		68# 28#	3	SD40	19 KIPS	0 KIPS	0.00
	180.896				68# 28#		68# 28#	4	SD40	0 KIPS	-7 KIPS	0.01
	180.883				69# 24#		69# 24#	5	GONDOLA	-7 KIPS	-7 KIPS	0.01
	180.739				70# 20#		70# 20#	24	GONDOLA	-4 KIPS	-4 KIPS	0.00
	180.595				71# 18#		71# 18#	43	GONDOLA	6 KIPS	6 KIPS	0.00
	180.452				71# 17#		71# 17#	62	GONDOLA	19 KIPS	20 KIPS	0.00
	180.308				71# 15#		71# 15#	81	GONDOLA	35 KIPS	34 KIPS	0.00
	180.164				72# 15#		72# 15#	100	GONDOLA	2 KIPS	0 KIPS	0.00

QCM E-D-86/O/

STATION TIME	MP	SPEED LMT RUN	THRTLE AMP	BRAKES SETTING TN IN	PRESSURE PIPE CVL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRAMBAR FORCES FORE	AFT	
0:26:22	190.938	0	14	RUN	1	228	12#	REL	68# 28#	68# 28#	0.00
	190.925								68# 28#	68# 28#	0.00
	190.912								68# 28#	68# 28#	0.00
	190.900								68# 28#	68# 28#	0.00
	190.887								68# 28#	68# 28#	0.00
	190.743								70# 20#	70# 20#	0.00
	190.599								71# 19#	71# 19#	0.00
	190.456								71# 17#	71# 17#	0.00
	190.312								71# 18#	71# 18#	0.00
	190.168								72# 15#	72# 15#	0.00
0:26:23	190.942	0	14	RUN	1	228	12#	REL	68# 28#	68# 28#	0.00
	190.928								68# 28#	68# 28#	0.00
	190.916								68# 28#	68# 28#	0.00
	190.904								68# 28#	68# 28#	0.00
	190.891								68# 28#	68# 28#	0.00
	190.747								70# 21#	70# 21#	0.00
	190.603								70# 19#	70# 19#	0.00
	190.459								71# 18#	71# 18#	0.00
	190.315								71# 17#	71# 17#	0.00
	190.172								71# 16#	71# 16#	0.00
0:26:24	190.946	0	14	RUN	1	229	12#	REL	68# 28#	68# 28#	0.00
	190.933								68# 28#	68# 28#	0.00
	190.920								68# 28#	68# 28#	0.00
	190.907								68# 28#	68# 28#	0.00
	190.895								68# 28#	68# 28#	0.00
	190.751								68# 28#	68# 28#	0.00
	190.607								70# 20#	70# 20#	0.00
	190.463								71# 18#	71# 18#	0.00
	190.319								71# 17#	71# 17#	0.00
	190.175								71# 16#	71# 16#	0.00
0:26:25	190.950	0	14	RUN	1	230	12#	REL	68# 28#	68# 28#	0.00
	190.937								68# 28#	68# 28#	0.00
	190.923								68# 28#	68# 28#	0.00
	190.911								68# 28#	68# 28#	0.00
	190.899								68# 28#	68# 28#	0.00
	190.755								68# 28#	68# 28#	0.00
	190.611								68# 28#	68# 28#	0.00
	190.467								70# 20#	70# 20#	0.00
	190.323								70# 19#	70# 19#	0.00
	190.179								71# 18#	71# 18#	0.00

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS	SETTING TRN INO PIPE CYL	BRAKES PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER	DRABBAR FORCES		L/V RATIO		
										FORE	AFT			
0:26:28	190.953	0	13	RUN	1	230	12# REL	68# 28#	31:84 .03:4	1	GM6C	0 KIPS	2 KIPS	0.00
	190.940							68# 28#		2	GM10B	2 KIPS	0 KIPS	0.00
	190.927							68# 28#		3	SD40	0 KIPS	-15 KIPS	0.02
	190.915							68# 28#		4	SD40	-15 KIPS	-13 KIPS	0.03
	190.903							68# 27#		5	GONDOLA	-13 KIPS	-12 KIPS	0.02
	190.759							69# 23#		24	GONDOLA	-9 KIPS	-9 KIPS	0.01
	190.615							70# 21#		43	GONDOLA	3 KIPS	3 KIPS	0.00
	190.471							70# 19#		62	GONDOLA	15 KIPS	16 KIPS	0.00
	190.327							71# 18#		81	GONDOLA	29 KIPS	30 KIPS	0.00
	190.183							71# 17#		100	GONDOLA	2 KIPS	0 KIPS	0.00
0:26:27	190.957	0	13	RUN	1	231	12# REL	68# 28#	31:84 .01:5	1	GM6C	0 KIPS	12 KIPS	0.00
	190.844							68# 28#		2	GM10B	12 KIPS	11 KIPS	0.00
	190.831							68# 28#		3	SD40	11 KIPS	0 KIPS	0.00
	190.818							68# 28#		4	SD40	0 KIPS	0 KIPS	0.00
	190.806							68# 27#		5	GONDOLA	-12 KIPS	-12 KIPS	0.01
	190.762							69# 23#		24	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.618							70# 21#		43	GONDOLA	3 KIPS	3 KIPS	0.00
	190.474							70# 20#		82	GONDOLA	14 KIPS	15 KIPS	0.00
	190.330							70# 19#		81	GONDOLA	28 KIPS	28 KIPS	0.00
	190.187							71# 18#		100	GONDOLA	2 KIPS	0 KIPS	0.00
0:26:28	190.961	0	13	RUN	1	231	12# REL	68# 28#	30:85 .00:	1	GM6C	0 KIPS	9 KIPS	0.00
	190.848							68# 28#		2	GM10B	9 KIPS	19 KIPS	0.00
	190.834							68# 28#		3	SD40	19 KIPS	28 KIPS	0.00
	190.822							68# 28#		4	SD40	28 KIPS	0 KIPS	0.00
	190.810							68# 28#		5	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.766							69# 24#		24	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.622							69# 22#		43	GONDOLA	2 KIPS	3 KIPS	0.00
	190.478							70# 20#		62	GONDOLA	14 KIPS	14 KIPS	0.00
	190.334							70# 19#		81	GONDOLA	27 KIPS	28 KIPS	0.00
	190.190							70# 18#		100	GONDOLA	2 KIPS	0 KIPS	0.00
0:26:29	190.964	0	13	RUN	1	232	12# REL	68# 28#	29:85 .00:	1	GM6C	0 KIPS	4 KIPS	0.00
	190.851							68# 28#		2	GM10B	4 KIPS	10 KIPS	0.00
	190.938							68# 28#		3	SD40	10 KIPS	5 KIPS	0.00
	190.926							68# 28#		4	SD40	5 KIPS	0 KIPS	0.00
	190.913							68# 28#		5	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.769							69# 25#		24	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.625							69# 22#		43	GONDOLA	2 KIPS	3 KIPS	0.00
	190.481							70# 21#		62	GONDOLA	14 KIPS	14 KIPS	0.00
	190.338							70# 20#		81	GONDOLA	28 KIPS	27 KIPS	0.00
	190.194							70# 19#		100	GONDOLA	2 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	AFT	
0:28:30	190.867	0	12	1	232	12#	REL	88# 28#	1	GM6C	0 KIPS	4 KIPS	0.00
	190.854							88# 28#	2	GM108	4 KIPS	10 KIPS	0.00
	190.841							88# 28#	3	SD40	10 KIPS	5 KIPS	0.00
	190.828							88# 28#	4	SD40	5 KIPS	-5 KIPS	0.00
	190.817							88# 28#	5	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.773							88# 25#	24	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.773							88# 25#	24	GONDOLA	2 KIPS	2 KIPS	0.00
	190.629							89# 23#	43	GONDOLA	12 KIPS	13 KIPS	0.00
	190.629							89# 22#	62	GONDOLA	25 KIPS	26 KIPS	0.00
	190.485							70# 20#	81	GONDOLA	2 KIPS	0 KIPS	0.00
	190.341							70# 19#	100	GONDOLA	0 KIPS	4 KIPS	0.00
	190.187							88# 28#	1	GM6C	4 KIPS	10 KIPS	0.00
0:28:31	190.871	0	12	1	233	12#	REL	88# 28#	2	GM108	10 KIPS	4 KIPS	0.00
	190.858							88# 28#	3	SD40	4 KIPS	-3 KIPS	0.00
	190.845							88# 28#	4	SD40	-3 KIPS	-3 KIPS	0.00
	190.832							88# 28#	5	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.820							88# 28#	24	GONDOLA	12 KIPS	13 KIPS	0.00
	190.776							89# 24#	43	GONDOLA	25 KIPS	25 KIPS	0.00
	190.632							89# 22#	82	GONDOLA	0 KIPS	0 KIPS	0.00
	190.488							70# 21#	81	GONDOLA	0 KIPS	0 KIPS	0.00
	190.344							70# 20#	100	GONDOLA	0 KIPS	0 KIPS	0.00
0:28:32	190.200	0	12	1	234	12#	REL	88# 28#	1	GM6C	3 KIPS	3 KIPS	0.00
	190.874							88# 28#	2	GM108	9 KIPS	3 KIPS	0.00
	190.861							88# 28#	3	SD40	-3 KIPS	-3 KIPS	0.00
	190.948							88# 28#	4	SD40	-3 KIPS	-3 KIPS	0.00
	190.936							88# 28#	5	GONDOLA	11 KIPS	12 KIPS	0.00
	190.823							88# 28#	24	GONDOLA	24 KIPS	24 KIPS	0.00
	190.778							88# 24#	43	GONDOLA	2 KIPS	0 KIPS	0.00
	190.635							89# 23#	82	GONDOLA	0 KIPS	0 KIPS	0.00
	190.492							89# 21#	81	GONDOLA	0 KIPS	0 KIPS	0.00
	190.343							70# 21#	100	GONDOLA	0 KIPS	0 KIPS	0.00
	190.204							70# 20#	1	GM6C	3 KIPS	3 KIPS	0.00
0:28:33	190.977	0	11	1	234	12#	REL	88# 28#	1	GM108	9 KIPS	4 KIPS	0.00
	190.964							88# 28#	2	SD40	4 KIPS	-2 KIPS	0.00
	190.851							88# 28#	3	SD40	-2 KIPS	-2 KIPS	0.00
	190.839							88# 28#	4	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.927							88# 28#	5	GONDOLA	2 KIPS	2 KIPS	0.00
	190.783							88# 27#	24	GONDOLA	11 KIPS	12 KIPS	0.00
	190.639							89# 25#	43	GONDOLA	23 KIPS	24 KIPS	0.00
	190.485							89# 23#	82	GONDOLA	0 KIPS	0 KIPS	0.00
	190.351							89# 22#	81	GONDOLA	2 KIPS	0 KIPS	0.00
	190.207							70# 21#	100	GONDOLA	0 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:26:34	190.980	0	11	RUN	1	235	12#	REL	68# 28#	GM6C	0 KIPS	4 KIPS	0.00
	190.987								68# 28#	GM10B	4 KIPS	9 KIPS	0.00
	190.954								68# 28#	SD40	4 KIPS	4 KIPS	0.00
	190.942								68# 28#	SD40	4 KIPS	-2 KIPS	0.00
	190.830								68# 28#	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.788								68# 27#	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.642								68# 25#	GONDOLA	2 KIPS	2 KIPS	0.00
	190.498								69# 24#	GONDOLA	11 KIPS	11 KIPS	0.00
	190.354								69# 22#	GONDOLA	22 KIPS	23 KIPS	0.00
	190.210								69# 21#	GONDOLA	0 KIPS	0 KIPS	0.00
0:26:35	190.984	0	11	RUN	1	236	12#	REL	68# 28#	GM6C	0 KIPS	4 KIPS	0.00
	190.971								68# 28#	GM10B	4 KIPS	9 KIPS	0.00
	190.957								68# 28#	SD40	4 KIPS	4 KIPS	0.00
	190.945								68# 28#	SD40	4 KIPS	-2 KIPS	0.00
	190.833								68# 28#	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.789								67# 28#	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.645								68# 26#	GONDOLA	1 KIPS	2 KIPS	0.00
	190.501								69# 24#	GONDOLA	10 KIPS	11 KIPS	0.00
	190.357								69# 23#	GONDOLA	21 KIPS	22 KIPS	0.00
	190.213								69# 22#	GONDOLA	0 KIPS	0 KIPS	0.00
0:26:36	190.987	0	11	RUN	1	236	12#	REL	68# 28#	GM6C	0 KIPS	4 KIPS	0.00
	190.974								68# 28#	GM10B	4 KIPS	9 KIPS	0.00
	190.960								68# 28#	SD40	4 KIPS	4 KIPS	0.00
	190.948								68# 28#	SD40	4 KIPS	-1 KIPS	0.00
	190.836								68# 28#	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.792								67# 28#	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.648								68# 28#	GONDOLA	1 KIPS	2 KIPS	0.00
	190.504								68# 25#	GONDOLA	10 KIPS	10 KIPS	0.00
	190.360								69# 23#	GONDOLA	21 KIPS	21 KIPS	0.00
	190.216								69# 22#	GONDOLA	2 KIPS	0 KIPS	0.00
0:26:37	190.989	0	10	RUN	1	237	12#	REL	68# 28#	GM6C	0 KIPS	4 KIPS	0.00
	190.976								68# 28#	GM10B	4 KIPS	9 KIPS	0.00
	190.963								68# 28#	SD40	4 KIPS	4 KIPS	0.00
	190.951								68# 28#	SD40	4 KIPS	-1 KIPS	0.00
	190.839								68# 28#	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.795								67# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.651								68# 27#	GONDOLA	5 KIPS	5 KIPS	0.00
	190.507								68# 25#	GONDOLA	9 KIPS	10 KIPS	0.00
	190.363								69# 24#	GONDOLA	20 KIPS	20 KIPS	0.00
	190.219								69# 23#	GONDOLA	2 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS 1	237	12# REL	BRAKES TRN IND PIPE CYL	SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
												DRUMBAR FORCES FORE	AFT	
0:26:38	190.982	0	10	1	237	12#	REL	68# 28#	24:89 .00:	1	GM9C	0 KIPS	4 KIPS	0.00
	190.979							68# 28#		2	GM10B	4 KIPS	9 KIPS	0.00
	190.988							68# 28#		3	SD40	9 KIPS	4 KIPS	0.00
	190.984							68# 28#		4	SD40	4 KIPS	-1 KIPS	0.00
	190.942							68# 28#		5	GONDOLA	-1 KIPS	0 KIPS	0.00
	190.798							67# 28#		24	GONDOLA	0 KIPS	0 KIPS	0.00
	190.654							68# 27#		43	GONDOLA	7 KIPS	6 KIPS	0.00
	190.510							68# 28#		62	GONDOLA	9 KIPS	10 KIPS	0.00
	190.510							68# 24#		81	GONDOLA	19 KIPS	20 KIPS	0.00
	190.368							68# 24#		100	GONDOLA	2 KIPS	0 KIPS	0.00
	190.222							69# 23#		1	GM9C	0 KIPS	4 KIPS	0.00
0:26:39	190.995	0	10	1	237	12#	REL	68# 28#	23:89 .00:	1	GM10B	4 KIPS	9 KIPS	0.00
	190.982							68# 28#		2	SD40	9 KIPS	4 KIPS	0.00
	190.988							68# 28#		3	SD40	4 KIPS	4 KIPS	0.00
	190.957							68# 28#		4	SD40	-1 KIPS	0 KIPS	0.00
	190.944							68# 28#		5	GONDOLA	0 KIPS	0 KIPS	0.00
	190.800							67# 28#		24	GONDOLA	0 KIPS	0 KIPS	0.00
	190.856							67# 28#		43	GONDOLA	2 KIPS	2 KIPS	0.00
	190.512							68# 28#		62	GONDOLA	9 KIPS	8 KIPS	0.00
	190.369							68# 25#		81	GONDOLA	19 KIPS	18 KIPS	0.00
	190.225							69# 24#		100	GONDOLA	2 KIPS	0 KIPS	0.00
0:26:40	190.998	0	9	1	238	12#	REL	68# 28#	23:90 .00:	1	GM9C	0 KIPS	4 KIPS	0.00
	190.985							68# 28#		2	GM10B	4 KIPS	9 KIPS	0.00
	190.972							68# 28#		3	SD40	9 KIPS	5 KIPS	0.00
	190.959							68# 28#		4	SD40	5 KIPS	0 KIPS	0.00
	190.947							68# 28#		5	GONDOLA	0 KIPS	0 KIPS	0.00
	190.803							67# 28#		24	GONDOLA	0 KIPS	0 KIPS	0.00
	190.658							67# 28#		43	GONDOLA	7 KIPS	5 KIPS	0.00
	190.515							68# 27#		62	GONDOLA	9 KIPS	8 KIPS	0.00
	190.371							68# 25#		81	GONDOLA	18 KIPS	18 KIPS	0.00
	190.227							68# 24#		100	GONDOLA	2 KIPS	0 KIPS	0.00
0:26:41	191.000	0	9	1	238	12#	REL	68# 28#	25:35 .00:	1	GM9C	0 KIPS	4 KIPS	0.00
	190.987							68# 28#		2	GM10B	4 KIPS	9 KIPS	0.00
	190.974							68# 28#		3	SD40	9 KIPS	5 KIPS	0.00
	190.982							68# 28#		4	SD40	5 KIPS	0 KIPS	0.00
	190.949							68# 28#		5	GONDOLA	0 KIPS	0 KIPS	0.00
	190.805							67# 28#		24	GONDOLA	0 KIPS	0 KIPS	0.00
	190.661							67# 28#		43	GONDOLA	7 KIPS	4 KIPS	0.00
	190.517							68# 27#		62	GONDOLA	9 KIPS	10 KIPS	0.00
	190.373							68# 26#		81	GONDOLA	18 KIPS	18 KIPS	0.00
	190.230							68# 25#		100	GONDOLA	2 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S TRN INO PIPE CYL	BRAKES SETTING PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES		L/V RATIO
							IDENTIFIER	DRANBAR FORCES FORE AFT	
0:26:42	191.003	0	9 RUN 1	239 12# REL	68# 28# 28:34 .00:	1	GM6C	0 KIPS	0.00
	190.989				68# 28#	2	GM10B	4 KIPS	0.00
	190.976				68# 28#	3	SD40	9 KIPS	0.00
	190.964				68# 28#	4	SD40	5 KIPS	0.00
	190.952				68# 28#	5	GONDOLA	0 KIPS	0.00
	190.808				67# 28#	24	GONDOLA	0 KIPS	0.00
	190.664				67# 28#	43	GONDOLA	3 KIPS	0.00
	190.520				67# 27#	62	GONDOLA	9 KIPS	0.00
	190.378				68# 26#	81	GONDOLA	17 KIPS	0.00
	190.232				68# 25#	100	GONDOLA	2 KIPS	0.00
0:26:43	191.005	0	9 RUN 1	239 12# REL	68# 28# 33:32 .00:	1	GM6C	0 KIPS	0.00
	190.992				68# 28#	2	GM10B	4 KIPS	0.00
	190.979				68# 28#	3	SD40	9 KIPS	0.00
	190.966				68# 28#	4	SD40	5 KIPS	0.00
	190.954				68# 28#	5	GONDOLA	0 KIPS	0.00
	190.810				67# 28#	24	GONDOLA	0 KIPS	0.00
	190.668				67# 28#	43	GONDOLA	4 KIPS	0.00
	190.522				67# 28#	62	GONDOLA	10 KIPS	0.00
	190.378				68# 27#	81	GONDOLA	17 KIPS	0.00
	190.234				68# 26#	100	GONDOLA	2 KIPS	0.00
0:26:44	191.007	0	8 RUN 1	240 12# REL	68# 28# 37:30 .00:	1	GM6C	0 KIPS	0.00
	190.994				68# 28#	2	GM10B	4 KIPS	0.00
	190.981				68# 28#	3	SD40	9 KIPS	0.00
	190.969				68# 28#	4	SD40	4 KIPS	0.00
	190.956				68# 28#	5	GONDOLA	0 KIPS	0.00
	190.813				67# 28#	24	GONDOLA	0 KIPS	0.00
	190.669				67# 28#	43	GONDOLA	5 KIPS	0.00
	190.525				67# 28#	62	GONDOLA	11 KIPS	0.00
	190.381				67# 27#	81	GONDOLA	18 KIPS	0.00
	190.237				68# 26#	100	GONDOLA	2 KIPS	0.00
0:26:45	191.009	0	8 RUN 1	240 12# REL	68# 28# 40:28 .00:	1	GM6C	0 KIPS	0.00
	190.996				68# 28#	2	GM10B	9 KIPS	0.00
	190.983				68# 28#	3	SD40	4 KIPS	0.00
	190.971				68# 28#	4	SD40	0 KIPS	0.00
	190.959				68# 28#	5	GONDOLA	0 KIPS	0.00
	190.815				67# 28#	24	GONDOLA	0 KIPS	0.00
	190.671				67# 28#	43	GONDOLA	5 KIPS	0.00
	190.527				67# 28#	62	GONDOLA	11 KIPS	0.00
	190.383				67# 28#	81	GONDOLA	17 KIPS	0.00
	190.239				68# 26#	100	GONDOLA	2 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:26:48	191.012	0	8	RUN	1	240	12# REL	68# 28#	GM8C	0 KIPS	3 KIPS	0.00
	190.999							68# 28#	GM10B	3 KIPS	8 KIPS	0.00
	190.986							68# 28#	SD40	8 KIPS	4 KIPS	0.00
	190.973							68# 28#	SD40	4 KIPS	0 KIPS	0.00
	190.961							68# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.947							67# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.933							67# 28#	GONDOLA	8 KIPS	8 KIPS	0.00
	190.920							67# 28#	GONDOLA	12 KIPS	12 KIPS	0.00
	190.905							67# 28#	GONDOLA	18 KIPS	18 KIPS	0.00
	190.891							67# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
0:26:47	191.014	0	7	RUN	1	241	12# REL	68# 27#	GM8C	0 KIPS	3 KIPS	0.00
	191.001							68# 28#	GM10B	3 KIPS	8 KIPS	0.00
	190.988							68# 28#	SD40	4 KIPS	4 KIPS	0.00
	190.975							68# 28#	SD40	4 KIPS	0 KIPS	0.00
	190.963							68# 28#	SD40	0 KIPS	0 KIPS	0.00
	190.949							67# 28#	GONDOLA	48 KIPS	44 KIPS	0.00
	190.935							67# 28#	GONDOLA	6 KIPS	7 KIPS	0.00
	190.921							67# 28#	GONDOLA	12 KIPS	12 KIPS	0.00
	190.907							67# 28#	GONDOLA	18 KIPS	18 KIPS	0.00
	190.893							67# 28#	GONDOLA	3 KIPS	0 KIPS	0.00
0:26:48	191.018	0	7	RUN	1	241	12# REL	68# 28#	GM8C	0 KIPS	3 KIPS	0.00
	191.003							68# 28#	GM10B	3 KIPS	8 KIPS	0.00
	190.989							68# 28#	SD40	8 KIPS	8 KIPS	0.00
	190.977							68# 28#	SD40	8 KIPS	12 KIPS	0.00
	190.965							68# 28#	GONDOLA	12 KIPS	0 KIPS	0.00
	190.951							67# 28#	GONDOLA	38 KIPS	33 KIPS	0.00
	190.937							67# 28#	GONDOLA	7 KIPS	7 KIPS	0.00
	190.923							67# 28#	GONDOLA	12 KIPS	12 KIPS	0.00
	190.909							67# 28#	GONDOLA	18 KIPS	18 KIPS	0.00
	190.895							67# 28#	GONDOLA	3 KIPS	0 KIPS	0.00
0:26:49	191.018	0	7	RUN	1	242	12# REL	68# 28#	GM8C	0 KIPS	3 KIPS	0.00
	191.005							68# 28#	GM10B	3 KIPS	8 KIPS	0.00
	190.991							68# 28#	SD40	8 KIPS	4 KIPS	0.00
	190.979							68# 28#	SD40	4 KIPS	0 KIPS	0.00
	190.967							68# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.953							67# 28#	GONDOLA	30 KIPS	28 KIPS	0.00
	190.939							67# 28#	GONDOLA	7 KIPS	7 KIPS	0.00
	190.925							67# 28#	GONDOLA	12 KIPS	12 KIPS	0.00
	190.911							67# 28#	GONDOLA	17 KIPS	17 KIPS	0.00
	190.897							67# 28#	GONDOLA	3 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	12# REL	BRAKES IND PIPE CYL	SETTING REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	AFT	
0:28:50	191.019	0	6	RUN	1	242	12# REL	53:18 .00:	1	GM9C	0 KIPS	4 KIPS	0.00
	191.006								2	GM10B	0 KIPS	9 KIPS	0.00
	190.993								3	SD40	14 KIPS	18 KIPS	0.00
	190.981								4	SD40	14 KIPS	18 KIPS	0.00
	190.969								5	GONDOLA	18 KIPS	21 KIPS	0.00
	190.956								24	GONDOLA	15 KIPS	10 KIPS	0.00
	190.943								43	GONDOLA	7 KIPS	7 KIPS	0.00
	190.931								62	GONDOLA	12 KIPS	12 KIPS	0.00
	190.918								81	GONDOLA	17 KIPS	17 KIPS	0.00
	190.905								100	GONDOLA	3 KIPS	0 KIPS	0.00
0:28:51	191.021	0	6	RUN	1	243	12# REL	55:13 .00:	1	GM9C	0 KIPS	4 KIPS	0.00
	191.008								2	GM10B	0 KIPS	9 KIPS	0.00
	190.995								3	SD40	14 KIPS	18 KIPS	0.00
	190.983								4	SD40	14 KIPS	18 KIPS	0.00
	190.970								5	GONDOLA	18 KIPS	21 KIPS	0.00
	190.957								24	GONDOLA	5 KIPS	3 KIPS	0.00
	190.944								43	GONDOLA	7 KIPS	8 KIPS	0.00
	190.931								62	GONDOLA	12 KIPS	12 KIPS	0.00
	190.918								81	GONDOLA	17 KIPS	17 KIPS	0.00
	190.905								100	GONDOLA	3 KIPS	0 KIPS	0.00
0:28:52	191.023	0	6	RUN	1	243	12# REL	185:10 .00:	1	GM9C	0 KIPS	22 KIPS	0.00
	191.010								2	GM10B	22 KIPS	48 KIPS	0.00
	190.997								3	SD40	48 KIPS	89 KIPS	0.00
	190.984								4	SD40	48 KIPS	89 KIPS	0.00
	190.972								5	GONDOLA	93 KIPS	107 KIPS	0.00
	190.959								24	GONDOLA	6 KIPS	6 KIPS	0.00
	190.946								43	GONDOLA	10 KIPS	10 KIPS	0.00
	190.933								62	GONDOLA	13 KIPS	14 KIPS	0.00
	190.920								81	GONDOLA	17 KIPS	17 KIPS	0.00
	190.907								100	GONDOLA	3 KIPS	0 KIPS	0.00
0:28:53	191.024	0	5	RUN	1	244	12# REL	19:93 .00:	1	GM9C	0 KIPS	4 KIPS	0.00
	191.011								2	GM10B	4 KIPS	9 KIPS	0.00
	190.998								3	SD40	9 KIPS	9 KIPS	0.00
	190.986								4	SD40	9 KIPS	9 KIPS	0.00
	190.973								5	GONDOLA	9 KIPS	9 KIPS	0.00
	190.960								24	GONDOLA	11 KIPS	11 KIPS	0.00
	190.947								43	GONDOLA	13 KIPS	13 KIPS	0.00
	190.934								62	GONDOLA	15 KIPS	15 KIPS	0.00
	190.921								81	GONDOLA	17 KIPS	17 KIPS	0.00
	190.908								100	GONDOLA	3 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THRTLE AMP'S 0 5 RUN 1 245 12# REL	BRAKES TN IN PIPE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
								FORE	AFT	
0:26:54	191.026	0	5 RUN 1 245 12# REL	68# 28#	18:03 .00:	1	GMBC	0 KIPS	4 KIPS	0.00
	191.013			68# 28#		2	GM108	4 KIPS	9 KIPS	0.00
	191.000			68# 28#		3	SD40	9 KIPS	10 KIPS	0.00
	190.987			68# 28#		4	SD40	10 KIPS	11 KIPS	0.00
	190.975			68# 28#		5	GONDOLA	11 KIPS	13 KIPS	0.00
	190.831			67# 28#		24	GONDOLA	12 KIPS	13 KIPS	0.00
	190.887			67# 28#		43	GONDOLA	14 KIPS	14 KIPS	0.00
	190.843			67# 28#		62	GONDOLA	16 KIPS	16 KIPS	0.00
	190.398			67# 28#		81	GONDOLA	17 KIPS	17 KIPS	0.00
	190.255			67# 28#		100	GONDOLA	3 KIPS	0 KIPS	0.00
-----> IDLE										
0:26:55	191.027	0	5 IDLE	68# 28#	-49:5 .00:	1	GMBC	0 KIPS	2 KIPS	0.00
	191.014			68# 28#		2	GM108	2 KIPS	7 KIPS	0.00
	191.001			68# 28#		3	SD40	7 KIPS	8 KIPS	0.00
	190.988			68# 28#		4	SD40	8 KIPS	-48 KIPS	0.00
	190.975			68# 28#		5	GONDOLA	-49 KIPS	8 KIPS	0.00
	190.832			67# 28#		24	GONDOLA	10 KIPS	10 KIPS	0.00
	190.888			67# 28#		43	GONDOLA	12 KIPS	12 KIPS	0.00
	190.844			67# 28#		62	GONDOLA	14 KIPS	14 KIPS	0.00
	190.400			67# 28#		81	GONDOLA	15 KIPS	15 KIPS	0.00
	190.257			67# 28#		100	GONDOLA	2 KIPS	0 KIPS	0.00
0:26:56	191.028	0	4 IDLE	68# 28#	-75:2 .03:4	1	GMBC	0 KIPS	-75 KIPS	0.01
	191.015			68# 28#		2	GM108	-75 KIPS	-67 KIPS	0.02
	191.002			68# 28#		3	SD40	-67 KIPS	-48 KIPS	0.03
	190.990			68# 28#		4	SD40	-48 KIPS	-56 KIPS	0.03
	190.977			68# 28#		5	GONDOLA	-56 KIPS	-73 KIPS	0.02
	190.833			67# 28#		24	GONDOLA	5 KIPS	5 KIPS	0.00
	190.880			67# 28#		43	GONDOLA	8 KIPS	9 KIPS	0.00
	190.546			67# 28#		62	GONDOLA	13 KIPS	13 KIPS	0.00
	190.402			67# 28#		81	GONDOLA	16 KIPS	17 KIPS	0.00
	190.258			67# 28#		100	GONDOLA	4 KIPS	0 KIPS	0.00
0:26:57	191.028	0	4 IDLE	68# 28#	-125:11 .05:4	1	GMBC	0 KIPS	-18 KIPS	0.02
	191.016			68# 28#		2	GM108	-18 KIPS	-38 KIPS	0.03
	191.003			68# 28#		3	SD40	-38 KIPS	-57 KIPS	0.05
	190.991			68# 28#		4	SD40	-57 KIPS	-77 KIPS	0.06
	190.979			68# 28#		5	GONDOLA	-77 KIPS	-86 KIPS	0.04
	190.835			67# 28#		24	GONDOLA	5 KIPS	5 KIPS	0.00
	190.881			67# 28#		43	GONDOLA	8 KIPS	9 KIPS	0.00
	190.547			67# 28#		62	GONDOLA	13 KIPS	13 KIPS	0.00
	190.403			67# 28#		81	GONDOLA	16 KIPS	16 KIPS	0.00
	190.259			67# 28#		100	GONDOLA	5 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE AMPS	SETTING TRN IND PIPE	BRAKES CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER	DRAWBAR FORCES FORE	DRAWBAR FORCES AFT	L/V RATIO
0:26:58	191.030	0	3	IDLE	0	12# REL	58# 28#	-137:16	.07:4		
	191.017						58# 28#			-8 KIPS	0.02
	191.004						58# 28#			-16 KIPS	0.04
	190.992						58# 28#			-33 KIPS	0.07
	190.980						58# 28#			-49 KIPS	0.07
	190.836						58# 28#			-59 KIPS	0.06
	190.892						67# 28#			4 KIPS	0.00
	190.848						67# 28#			7 KIPS	0.00
	190.404						67# 28#			11 KIPS	0.00
	190.260						67# 28#			15 KIPS	0.00
0:26:59	191.031	0	3	IDLE	0	12# REL	58# 28#	-133:21	.08:4		
	191.018						58# 28#			0 KIPS	0.00
	191.005						58# 28#			-8 KIPS	0.02
	190.993						58# 28#			-16 KIPS	0.04
	190.980						58# 28#			-24 KIPS	0.08
	190.836						58# 28#			-31 KIPS	0.08
	190.893						67# 28#			2 KIPS	0.00
	190.848						67# 28#			6 KIPS	0.00
	190.405						67# 28#			10 KIPS	0.00
	190.261						67# 28#			14 KIPS	0.00
0:27:0	191.032	0	2	IDLE	0	12# REL	58# 28#	-137:26	.09:4		
	191.019						58# 28#			0 KIPS	0.00
	191.006						58# 28#			-8 KIPS	0.02
	190.993						58# 28#			-18 KIPS	0.05
	190.981						58# 28#			-26 KIPS	0.08
	190.837						58# 28#			-35 KIPS	0.09
	190.893						67# 28#			-33 KIPS	0.07
	190.849						67# 28#			-136 KIPS	0.00
	190.405						67# 28#			5 KIPS	0.00
	190.261						67# 28#			9 KIPS	0.00
0:27:1	191.033	0	2	IDLE	0	12# REL	58# 28#	-134:31	.09:4		
	191.019						58# 28#			13 KIPS	0.00
	191.006						58# 28#			0 KIPS	0.00
	190.994						58# 28#			-10 KIPS	0.02
	190.982						58# 28#			-18 KIPS	0.05
	190.838						58# 28#			-27 KIPS	0.09
	190.894						67# 28#			-36 KIPS	0.07
	190.850						67# 28#			-83 KIPS	0.01
	190.406						67# 28#			4 KIPS	0.00
	190.262						67# 28#			8 KIPS	0.00

TIME	STATION MP	SPEED LMT RUN	THRTLE AMPS	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO				
				TRN	IND PIPE				FORE	AFT					
0:27: 2	191.033	0	2	IDLE	0	12#	REL	58# 28#	-134:33	.08:4	1	GM6C	0 KIPS	-10 KIPS	0.02
	191.020							68# 28#			2	GM10B	-10 KIPS	-19 KIPS	0.05
	191.007							68# 28#			3	SD40	-19 KIPS	-29 KIPS	0.08
	190.995							68# 28#			4	SD40	-29 KIPS	-38 KIPS	0.08
	190.982							68# 28#			5	GONDOLA	-38 KIPS	-37 KIPS	0.07
	190.838							67# 28#			24	GONDOLA	-26 KIPS	-40 KIPS	0.02
	190.694							67# 28#			43	GONDOLA	3 KIPS	3 KIPS	0.00
	190.550							67# 28#			62	GONDOLA	7 KIPS	8 KIPS	0.00
	190.406							67# 28#			81	GONDOLA	12 KIPS	12 KIPS	0.00
	190.263							67# 28#			100	GONDOLA	3 KIPS	0 KIPS	0.00
0:27: 3	191.033	0	1	IDLE	0	12#	REL	68# 28#	-130:39	.08:4	1	GM6C	0 KIPS	-10 KIPS	0.03
	191.020							68# 28#			2	GM10B	-10 KIPS	-18 KIPS	0.05
	191.007							68# 28#			3	SD40	-19 KIPS	-26 KIPS	0.08
	190.995							68# 28#			4	SD40	-28 KIPS	-38 KIPS	0.08
	190.983							68# 28#			5	GONDOLA	-38 KIPS	-37 KIPS	0.07
	190.839							67# 28#			24	GONDOLA	-18 KIPS	-17 KIPS	0.02
	190.695							67# 28#			43	GONDOLA	2 KIPS	2 KIPS	0.00
	190.551							67# 28#			62	GONDOLA	6 KIPS	7 KIPS	0.00
	190.407							67# 28#			81	GONDOLA	11 KIPS	11 KIPS	0.00
	190.263							67# 28#			100	GONDOLA	3 KIPS	0 KIPS	0.00
0:27: 4	191.034	0	0	IDLE	0	12#	REL	68# 28#	-129:44	.09:4	1	GM6C	0 KIPS	-10 KIPS	0.02
	191.020							68# 28#			2	GM10B	-10 KIPS	-19 KIPS	0.05
	191.007							68# 28#			3	SD40	-18 KIPS	-28 KIPS	0.08
	190.995							68# 28#			4	SD40	-28 KIPS	-38 KIPS	0.08
	190.983							68# 28#			5	GONDOLA	-38 KIPS	-37 KIPS	0.07
	190.839							67# 28#			24	GONDOLA	-21 KIPS	-20 KIPS	0.02
	190.695							67# 28#			43	GONDOLA	-129 KIPS	-129 KIPS	0.00
	190.551							67# 28#			62	GONDOLA	5 KIPS	5 KIPS	0.00
	190.407							67# 28#			81	GONDOLA	10 KIPS	11 KIPS	0.00
	190.263							67# 28#			100	GONDOLA	2 KIPS	0 KIPS	0.00
0:27: 5	191.034	0	0	IDLE	0	12#	REL	68# 28#	-98:47	.03:3	1	GM6C	0 KIPS	-8 KIPS	0.00
	191.021							68# 28#			2	GM10B	-8 KIPS	-17 KIPS	0.03
	191.007							68# 28#			3	SD40	-17 KIPS	-26 KIPS	0.03
	190.995							68# 28#			4	SD40	-26 KIPS	-34 KIPS	0.00
	190.983							68# 28#			5	GONDOLA	-34 KIPS	-33 KIPS	0.00
	190.839							67# 28#			24	GONDOLA	-18 KIPS	-18 KIPS	0.00
	190.695							67# 28#			43	GONDOLA	-30 KIPS	-38 KIPS	0.00
	190.551							67# 28#			62	GONDOLA	8 KIPS	8 KIPS	0.00
	190.407							67# 28#			81	GONDOLA	20 KIPS	20 KIPS	0.00
	190.263							67# 28#			100	GONDOLA	5 KIPS	0 KIPS	0.00

-----> STOP COMPUTER RUN
MAXIMUM FORCES FOR THIS CASE

MAX. DRAFT COUPLER FORCE: 315 KIPS ON VEH. 5 AT 0: 9:58
MAX. BUFF COUPLER FORCE: -137 KIPS ON VEH. 28 AT 0:27: 0
MAXIMUM L/V : 0.42 ON VEH. 3 AT 0:18: 9

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TRAIN SUMMARY

LEAD LOCOMOTIVES	HELPER LOCOMOTIVES	CARS	TRAILING TONNAGE	TOTAL TONNAGE	TOTAL LENGTH
4	0	98	12096	12868	4108'

VEHICLE LISTING

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1	GM8C		69'	183T		M380	28"	12X42"	COMP/PL	J1.6
2	GM10B		69'	195T		M380	28"	12X50"	COMP/PL	J1.6
3-4	LOCO (2)	SD40	85'	197T		M380	28"	12X40"	COMP/PL	J1.6
5-100	CARS (98)	LG4	40'	126T		MK50	29"	8X36"	C.I.	AB

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1	GM6C		89'	183T		M380	28"	12X42"	COMP/PL	J1.8

DYNAMIC BRAKES: NONE

TRANSITION SPEED: 20 MPH

SPEED (MPH):	5	15	30	45	80	75
ENGINE TRACTIVE FORCE:	12588#	104378#	64000#	46223#	34667#	27733#
ENGINE H.P. AT RAIL:	1878	4175	5120	5548	5548	5548
DYNAMIC BRAKE FORCE:	0#	0#	0#	0#	0#	0#
DYNAMIC H.P. AT RAIL:	0	0	0	0	0	0

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT LGN	COUP GEAR	WHEELS	BRAKE SHOES	BRAKE VALVE
3- 4	LOCO (2)	SD40	85'	197T		M380	28"	12X40"	COMP/PL	J1.8

DYNAMIC BRAKES: TAPERED : EXTENDED RANGE
 DYNAMIC BRAKE INTERLOCK (DBI): NO RECOVERY AFTER DYNAMIC BRAKE OFF
 INDEPENDENT PRESSURE SWITCH (IPS) ACTIVATED AT: 15 P.S.I.
 TRANSITION SPEED: 24 MPH

SPEED (MPH):	5	15	30	45	60	75
ENGINE TRACTIVE FORCE:	70000#	63202#	31000#	20222#	15188#	12133#
ENGINE H.P. AT RAIL:	933	2528	2480	2428	2428	2428
DYNAMIC BRAKE FORCE:	34534#	53898#	48601#	32400#	24300#	19440#
DYNAMIC H.P. AT RAIL:	460	2159	3888	3888	3888	3888

STATION TIME	MP	SPEED LMT RUN	THLTL AMP	TRN IND	REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0: 0:30	182.893	0	3	RUN	1	74:5	13:5	GMBC	0 KIPS	15 KIPS	0.00
	182.880					80# ON		GM10B	15 KIPS	31 KIPS	0.00
	182.866					80# ON		SD40	31 KIPS	52 KIPS	0.02
	182.854					80# ON		SD40	52 KIPS	74 KIPS	0.12
	182.842					80# ON		GONDOLA	74 KIPS	73 KIPS	0.13
	182.828					80# ON		GONDOLA	58 KIPS	57 KIPS	0.10
	182.814					80# ON		GONDOLA	42 KIPS	41 KIPS	0.10
	182.800					80# ON		GONDOLA	25 KIPS	25 KIPS	0.10
	182.786					80# ON		GONDOLA	10 KIPS	10 KIPS	0.10
	182.772					80# ON		GONDOLA	1 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING-0.31 % GRADE											
0: 0:40	182.902	0	4	RUN	1	65:5	11:8	GMBC	0 KIPS	15 KIPS	0.00
	182.889					80# ON		GM10B	15 KIPS	31 KIPS	0.00
	182.876					80# ON		SD40	31 KIPS	48 KIPS	0.00
	182.863					80# ON		SD40	48 KIPS	85 KIPS	0.01
	182.851					80# ON		GONDOLA	65 KIPS	64 KIPS	0.10
	182.707					80# ON		GONDOLA	51 KIPS	50 KIPS	0.10
	182.583					80# ON		GONDOLA	37 KIPS	36 KIPS	0.10
	182.419					80# ON		GONDOLA	23 KIPS	22 KIPS	0.10
	182.275					80# ON		GONDOLA	9 KIPS	8 KIPS	0.10
	182.131					80# ON		GONDOLA	0 KIPS	0 KIPS	0.00
0: 0:50	182.914	0	5	RUN	1	60:5	11:7	GMBC	0 KIPS	15 KIPS	0.00
	182.901					80# ON		GM10B	15 KIPS	31 KIPS	0.00
	182.887					80# ON		SD40	31 KIPS	48 KIPS	0.00
	182.875					80# ON		SD40	48 KIPS	60 KIPS	0.00
	182.863					80# ON		GONDOLA	60 KIPS	60 KIPS	0.00
	182.719					80# ON		GONDOLA	48 KIPS	47 KIPS	0.10
	182.575					80# ON		GONDOLA	35 KIPS	34 KIPS	0.10
	182.431					80# ON		GONDOLA	22 KIPS	21 KIPS	0.10
	182.287					80# ON		GONDOLA	8 KIPS	8 KIPS	0.10
	182.143					80# ON		GONDOLA	0 KIPS	0 KIPS	0.00
0: 1: 0	182.927	0	5	RUN	1	57:5	10:9	GMBC	0 KIPS	15 KIPS	0.00
	182.914					80# ON		GM10B	15 KIPS	31 KIPS	0.00
	182.901					80# ON		SD40	31 KIPS	44 KIPS	0.00
	182.889					80# ON		SD40	44 KIPS	57 KIPS	0.00
	182.877					80# ON		GONDOLA	57 KIPS	56 KIPS	0.00
	182.733					80# ON		GONDOLA	45 KIPS	45 KIPS	0.10
	182.589					80# ON		GONDOLA	33 KIPS	32 KIPS	0.10
	182.445					80# ON		GONDOLA	20 KIPS	20 KIPS	0.10
	182.301					80# ON		GONDOLA	8 KIPS	7 KIPS	0.10
	182.157					80# ON		GONDOLA	0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	FORCES AFT	
0: 1:10	182.943	0	6	RUN	1	244	REL	REL	80#	0#	0#	0#	0.00
	182.930								80#	0#	0#	0#	0.00
	182.917								80#	0#	0#	0#	0.00
	182.905								80#	0#	0#	0#	0.00
	182.893								80#	0#	0#	0#	0.00
	182.749								80#	0#	0#	0#	0.00
	182.605								80#	0#	0#	0#	0.00
	182.481								80#	0#	0#	0#	0.00
	182.317								80#	0#	0#	0#	0.00
	182.173								80#	0#	0#	0#	0.00
0: 1:20	182.981	0	7	RUN	1	243	REL	REL	80#	0#	0#	0#	0.00
	182.948								80#	0#	0#	0#	0.00
	182.835								80#	0#	0#	0#	0.00
	182.923								80#	0#	0#	0#	0.00
	182.911								80#	0#	0#	0#	0.00
	182.767								80#	0#	0#	0#	0.00
	182.623								80#	0#	0#	0#	0.00
	182.479								80#	0#	0#	0#	0.00
	182.335								80#	0#	0#	0#	0.00
	182.181								80#	0#	0#	0#	0.00
0: 1:30	182.981	0	8	RUN	1	242	REL	REL	80#	0#	0#	0#	0.00
	182.968								80#	0#	0#	0#	0.00
	182.955								80#	0#	0#	0#	0.00
	182.943								80#	0#	0#	0#	0.00
	182.931								80#	0#	0#	0#	0.00
	182.787								80#	0#	0#	0#	0.00
	182.643								80#	0#	0#	0#	0.00
	182.499								80#	0#	0#	0#	0.00
	182.355								80#	0#	0#	0#	0.00
	182.211								80#	0#	0#	0#	0.00
0: 1:40	183.003	0	8	RUN	1	241	REL	REL	80#	0#	0#	0#	0.00
	182.990								80#	0#	0#	0#	0.00
	182.977								80#	0#	0#	0#	0.00
	182.965								80#	0#	0#	0#	0.00
	182.953								80#	0#	0#	0#	0.00
	182.809								80#	0#	0#	0#	0.00
	182.665								80#	0#	0#	0#	0.00
	182.521								80#	0#	0#	0#	0.00
	182.377								80#	0#	0#	0#	0.00
	182.233								80#	0#	0#	0#	0.00

STATION TIME	MP	SPEED LMT RUN	THTLT AMP'S	SETTING TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0: 1:50	183.027	0	8	RUN 1	239	REL REL	1	GM6C	0 KIPS	15 KIPS	0.00
	183.014				80#	0#	2	GM10B	15 KIPS	31 KIPS	0.00
	183.001				80#	0#	3	SD40	31 KIPS	38 KIPS	0.00
	182.988				80#	0#	4	SD40	38 KIPS	45 KIPS	0.00
	182.976				80#	0#	5	GONDOLA	45 KIPS	44 KIPS	0.00
	182.832				80#	0#	24	GONDOLA	40 KIPS	39 KIPS	0.10
	182.832				80#	0#	43	GONDOLA	30 KIPS	29 KIPS	0.10
	182.689				80#	0#	62	GONDOLA	20 KIPS	18 KIPS	0.09
	182.545				80#	0#	81	GONDOLA	10 KIPS	10 KIPS	0.09
	182.401				80#	0#	100	GONDOLA	0 KIPS	0 KIPS	0.09
0: 2: 0	182.257				80#	0#	1	GM6C	0 KIPS	15 KIPS	0.00
	183.053	0	10	RUN 1	238	REL REL	2	GM10B	15 KIPS	31 KIPS	0.00
	183.040				80#	0#	3	SD40	31 KIPS	37 KIPS	0.00
	183.027				80#	0#	4	SD40	37 KIPS	43 KIPS	0.00
	183.014				80#	0#	5	GONDOLA	43 KIPS	43 KIPS	0.00
	183.002				80#	0#	24	GONDOLA	40 KIPS	39 KIPS	0.10
	182.858				80#	0#	43	GONDOLA	30 KIPS	29 KIPS	0.10
	182.714				80#	0#	62	GONDOLA	20 KIPS	20 KIPS	0.09
	182.570				80#	0#	81	GONDOLA	10 KIPS	10 KIPS	0.09
	182.428				80#	0#	100	GONDOLA	1 KIPS	0 KIPS	0.09
0: 2:10	183.080	0	10	RUN 1	237	REL REL	1	GM6C	0 KIPS	15 KIPS	0.00
	183.067				80#	0#	2	GM10B	15 KIPS	31 KIPS	0.00
	183.054				80#	0#	3	SD40	31 KIPS	38 KIPS	0.00
	183.042				80#	0#	4	SD40	38 KIPS	42 KIPS	0.00
	183.030				80#	0#	5	GONDOLA	42 KIPS	42 KIPS	0.00
	182.888				80#	0#	24	GONDOLA	39 KIPS	39 KIPS	0.00
	182.742				80#	0#	43	GONDOLA	30 KIPS	30 KIPS	0.09
	182.598				80#	0#	62	GONDOLA	20 KIPS	20 KIPS	0.09
	182.454				80#	0#	81	GONDOLA	10 KIPS	10 KIPS	0.09
	182.310				80#	0#	100	GONDOLA	1 KIPS	0 KIPS	0.09
0: 2:20	183.110	0	11	RUN 1	236	REL REL	1	GM6C	0 KIPS	14 KIPS	0.00
	183.097				80#	0#	2	GM10B	14 KIPS	30 KIPS	0.00
	183.084				80#	0#	3	SD40	30 KIPS	36 KIPS	0.00
	183.071				80#	0#	4	SD40	36 KIPS	42 KIPS	0.00
	183.059				80#	0#	5	GONDOLA	42 KIPS	41 KIPS	0.00
	182.915				80#	0#	24	GONDOLA	38 KIPS	38 KIPS	0.00
	182.771				80#	0#	43	GONDOLA	31 KIPS	30 KIPS	0.09
	182.627				80#	0#	62	GONDOLA	21 KIPS	20 KIPS	0.09
	182.483				80#	0#	81	GONDOLA	11 KIPS	10 KIPS	0.09
	182.339				80#	0#	100	GONDOLA	1 KIPS	0 KIPS	0.09

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STATION TIME	MP	SPEED LMT	THLE RUN	AMPS 1	235	REL	REL	BRAKES		MAXIMUMS (ANJ LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
								TRN IND PIPE	SETTING CYL				DRAMBAR FORCES FORE	DRAMBAR FORCES AFT		
O: 2:30	183.141	0	12	RUN	1	235	REL	80#	0#	41:5	10:35	1	GMBC	0 KIPS	14 KIPS	0.00
	183.128							80#	0#			2	GM108	14 KIPS	30 KIPS	0.00
	183.115							80#	0#			3	SD40	30 KIPS	36 KIPS	0.00
	183.103							80#	0#			4	SD40	41 KIPS	41 KIPS	0.00
	183.090							80#	0#			5	GONDOLA	41 KIPS	40 KIPS	0.00
	183.080							80#	0#			24	GONDOLA	37 KIPS	37 KIPS	0.00
	182.948							80#	0#			43	GONDOLA	31 KIPS	30 KIPS	0.08
	182.802							80#	0#			62	GONDOLA	21 KIPS	20 KIPS	0.08
	182.658							80#	0#			81	GONDOLA	11 KIPS	10 KIPS	0.08
	182.515							80#	0#			100	GONDOLA	1 KIPS	0 KIPS	0.08
O: 2:40	182.371							80#	0#				GMBC	0 KIPS	14 KIPS	0.00
	183.174	0	12	RUN	1	233	REL	80#	0#	40:5	10:40	1	GM108	14 KIPS	30 KIPS	0.00
	183.161							80#	0#			2	SD40	30 KIPS	35 KIPS	0.00
	183.148							80#	0#			3	SD40	40 KIPS	40 KIPS	0.00
	183.136							80#	0#			5	GONDOLA	40 KIPS	40 KIPS	0.00
	183.123							80#	0#			24	GONDOLA	36 KIPS	36 KIPS	0.00
	182.980							80#	0#			43	GONDOLA	31 KIPS	31 KIPS	0.08
	182.836							80#	0#			62	GONDOLA	21 KIPS	20 KIPS	0.08
	182.692							80#	0#			81	GONDOLA	11 KIPS	10 KIPS	0.08
	182.548							80#	0#			100	GONDOLA	1 KIPS	0 KIPS	0.08
O: 2:50	182.404							80#	0#				GMBC	0 KIPS	14 KIPS	0.00
	183.208	0	13	RUN	1	231	REL	80#	0#	39:5	10:44	1	GM108	14 KIPS	30 KIPS	0.00
	183.196							80#	0#			2	SD40	30 KIPS	34 KIPS	0.00
	183.183							80#	0#			3	SD40	34 KIPS	39 KIPS	0.00
	183.171							80#	0#			4	SD40	39 KIPS	39 KIPS	0.00
	183.159							80#	0#			5	GONDOLA	35 KIPS	35 KIPS	0.00
	183.015							80#	0#			24	GONDOLA	31 KIPS	31 KIPS	0.09
	182.871							80#	0#			43	GONDOLA	21 KIPS	21 KIPS	0.09
	182.727							80#	0#			62	GONDOLA	11 KIPS	10 KIPS	0.09
	182.583							80#	0#			81	GONDOLA	1 KIPS	0 KIPS	0.09
O: 3: 0	182.439							80#	0#			100	GONDOLA	1 KIPS	0 KIPS	0.08
	183.246	0	14	RUN	1	230	REL	80#	0#	38:5	09:48	1	GMBC	0 KIPS	14 KIPS	0.00
	183.233							80#	0#			2	GM108	14 KIPS	30 KIPS	0.00
	183.220							80#	0#			3	SD40	30 KIPS	34 KIPS	0.00
	183.208							80#	0#			4	SD40	34 KIPS	38 KIPS	0.00
	183.195							80#	0#			5	GONDOLA	38 KIPS	38 KIPS	0.00
	183.183							80#	0#			24	GONDOLA	34 KIPS	34 KIPS	0.00
	183.052							80#	0#			43	GONDOLA	31 KIPS	30 KIPS	0.00
	182.908							80#	0#			62	GONDOLA	22 KIPS	21 KIPS	0.08
	182.764							80#	0#			81	GONDOLA	11 KIPS	11 KIPS	0.08
182.620							80#	0#			100	GONDOLA	1 KIPS	0 KIPS	0.08	
182.476							80#	0#				GONDOLA	1 KIPS	0 KIPS	0.08	

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS 228	SETTING REL	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
											DRUMBAR FORCES FORE	AFT			
0: 3:10	183.285	0	14	RUN	1	228	REL	REL	80# 0#	38:5	.09:53	GM6C	0 KIPS	14 KIPS	0.00
	183.272								80# 0#			GM10B	14 KIPS	30 KIPS	0.00
	183.259								80# 0#			SD40	30 KIPS	34 KIPS	0.00
	183.247								80# 0#			SD40	34 KIPS	38 KIPS	0.00
	183.234								80# 0#			GONDOLA	38 KIPS	37 KIPS	0.00
	183.090								80# 0#	24		GONDOLA	34 KIPS	33 KIPS	0.00
	182.947								80# 0#	43		GONDOLA	30 KIPS	28 KIPS	0.00
	182.803								80# 0#	62		GONDOLA	22 KIPS	22 KIPS	0.08
	182.859								80# 0#	81		GONDOLA	11 KIPS	11 KIPS	0.08
	182.515								80# 0#	100		GONDOLA	1 KIPS	0 KIPS	0.08
0: 3:20	183.326	0	15	RUN	1	228	REL	REL	80# 0#	37:5	.08:51	GM6C	0 KIPS	14 KIPS	0.00
	183.313								80# 0#	1		GM10B	14 KIPS	29 KIPS	0.00
	183.300								80# 0#	2		SD40	29 KIPS	33 KIPS	0.00
	183.288								80# 0#	3		SD40	33 KIPS	37 KIPS	0.00
	183.275								80# 0#	4		SD40	37 KIPS	37 KIPS	0.00
	183.131								80# 0#	5		GONDOLA	33 KIPS	32 KIPS	0.00
	182.987								80# 0#	24		GONDOLA	28 KIPS	28 KIPS	0.00
	182.843								80# 0#	43		GONDOLA	23 KIPS	22 KIPS	0.08
	182.699								80# 0#	62		GONDOLA	12 KIPS	11 KIPS	0.08
	182.558								80# 0#	81		GONDOLA	1 KIPS	0 KIPS	0.08
0: 3:30	183.369	0	16	RUN	1	224	REL	REL	80# 0#	38:5	.09:58	GM6C	0 KIPS	13 KIPS	0.00
	183.356								80# 0#	1		GM10B	13 KIPS	29 KIPS	0.00
	183.343								80# 0#	2		SD40	29 KIPS	33 KIPS	0.00
	183.330								80# 0#	3		SD40	33 KIPS	36 KIPS	0.00
	183.318								80# 0#	4		SD40	36 KIPS	38 KIPS	0.00
	183.174								80# 0#	5		GONDOLA	32 KIPS	31 KIPS	0.00
	183.030								80# 0#	24		GONDOLA	27 KIPS	27 KIPS	0.00
	182.886								80# 0#	43		GONDOLA	23 KIPS	22 KIPS	0.08
	182.742								80# 0#	62		GONDOLA	12 KIPS	11 KIPS	0.08
	182.598								80# 0#	81		GONDOLA	1 KIPS	0 KIPS	0.08
0: 3:40	183.414	0	17	RUN	1	223	REL	REL	80# 0#	38:5	.09:59	GM6C	0 KIPS	13 KIPS	0.00
	183.401								80# 0#	1		GM10B	13 KIPS	29 KIPS	0.00
	183.388								80# 0#	2		SD40	29 KIPS	32 KIPS	0.00
	183.375								80# 0#	3		SD40	32 KIPS	36 KIPS	0.00
	183.363								80# 0#	4		SD40	36 KIPS	38 KIPS	0.00
	183.218								80# 0#	5		GONDOLA	31 KIPS	31 KIPS	0.00
	183.075								80# 0#	24		GONDOLA	26 KIPS	26 KIPS	0.00
	182.931								80# 0#	43		GONDOLA	21 KIPS	21 KIPS	0.00
	182.787								80# 0#	62		GONDOLA	12 KIPS	12 KIPS	0.08
	182.643								80# 0#	81		GONDOLA	1 KIPS	0 KIPS	0.08

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT					
0: 3:50	183.461	0	17	RUN	1	221	REL	REL	80W	OH	35:5	.08:75	1	GMBC	0 KIPS	13 KIPS	0.00
	183.447								80W	OH			2	GM10B	13 KIPS	29 KIPS	0.00
	183.434								80W	OH			3	SD40	29 KIPS	32 KIPS	0.00
	183.422								80W	OH			4	SD40	32 KIPS	35 KIPS	0.00
	183.410								80W	OH			5	GONDOLA	35 KIPS	35 KIPS	0.00
	183.268								80W	OH			24	GONDOLA	30 KIPS	30 KIPS	0.00
	183.122								80W	OH			43	GONDOLA	25 KIPS	25 KIPS	0.00
	182.978								80W	OH			62	GONDOLA	20 KIPS	20 KIPS	0.00
	182.834								80W	OH			81	GONDOLA	13 KIPS	12 KIPS	0.09
	182.690								80W	OH			100	GONDOLA	1 KIPS	0 KIPS	0.09
0: 4: 0	183.509	0	18	RUN	1	219	REL	REL	80W	OH	34:5	.08:83	1	GMBC	0 KIPS	13 KIPS	0.00
	183.496								80W	OH			2	GM10B	13 KIPS	28 KIPS	0.00
	183.483								80W	OH			3	SD40	28 KIPS	31 KIPS	0.00
	183.471								80W	OH			4	SD40	31 KIPS	34 KIPS	0.00
	183.459								80W	OH			5	GONDOLA	34 KIPS	34 KIPS	0.00
	183.315								80W	OH			24	GONDOLA	29 KIPS	29 KIPS	0.00
	183.315								80W	OH			43	GONDOLA	24 KIPS	23 KIPS	0.00
	183.171								80W	OH			62	GONDOLA	18 KIPS	18 KIPS	0.00
	183.027								80W	OH			81	GONDOLA	13 KIPS	12 KIPS	0.08
	182.883								80W	OH			100	GONDOLA	1 KIPS	0 KIPS	0.08
0: 4:10	182.739								80W	OH			1	GMBC	0 KIPS	13 KIPS	0.00
	183.581	0	19	RUN	1	217	REL	REL	80W	OH	34:5	.08:87	1	GMBC	0 KIPS	13 KIPS	0.00
	183.547								80W	OH			2	GM10B	13 KIPS	28 KIPS	0.00
	183.534								80W	OH			3	SD40	28 KIPS	31 KIPS	0.00
	183.522								80W	OH			4	SD40	31 KIPS	34 KIPS	0.00
	183.510								80W	OH			5	GONDOLA	34 KIPS	33 KIPS	0.00
	183.368								80W	OH			24	GONDOLA	28 KIPS	28 KIPS	0.00
	183.222								80W	OH			43	GONDOLA	22 KIPS	22 KIPS	0.00
	183.078								80W	OH			62	GONDOLA	17 KIPS	17 KIPS	0.00
	182.934								80W	OH			81	GONDOLA	11 KIPS	11 KIPS	0.00
0: 4:20	182.790								80W	OH			100	GONDOLA	1 KIPS	0 KIPS	0.08
	183.614	0	20	RUN	1	215	REL	REL	80W	OH	33:5	.08:100	1	GMBC	0 KIPS	12 KIPS	0.00
	183.601								80W	OH			2	GM10B	12 KIPS	28 KIPS	0.00
	183.588								80W	OH			3	SD40	28 KIPS	30 KIPS	0.00
	183.575								80W	OH			4	SD40	30 KIPS	33 KIPS	0.00
	183.563								80W	OH			5	GONDOLA	33 KIPS	33 KIPS	0.00
	183.419								80W	OH			24	GONDOLA	27 KIPS	27 KIPS	0.00
	183.275								80W	OH			43	GONDOLA	21 KIPS	21 KIPS	0.00
	183.131								80W	OH			62	GONDOLA	15 KIPS	15 KIPS	0.00
	182.987								80W	OH			81	GONDOLA	9 KIPS	9 KIPS	0.00
182.843								80W	OH			100	GONDOLA	1 KIPS	0 KIPS	0.08	

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	SETTING IND	BRKES PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
										DRAMBAR FORE	FORCES AFT			
0: 4:30	183.689	0	20	RUN 1	213	REL	80# 0#	32:5	.08:100	1	GM6C	0 KIPS	12 KIPS	0.00
	183.656						80# 0#			2	GM10B	12 KIPS	28 KIPS	0.00
	183.643						80# 0#			3	SD40	28 KIPS	30 KIPS	0.00
	183.631						80# 0#			4	SD40	30 KIPS	32 KIPS	0.00
	183.618						80# 0#			5	GONDOLA	32 KIPS	32 KIPS	0.00
	183.474						80# 0#			24	GONDOLA	26 KIPS	26 KIPS	0.00
	183.330						80# 0#			43	GONDOLA	20 KIPS	19 KIPS	0.00
	183.188						80# 0#			82	GONDOLA	13 KIPS	13 KIPS	0.00
	183.043						80# 0#			81	GONDOLA	7 KIPS	7 KIPS	0.00
	182.899						80# 0#			100	GONDOLA	1 KIPS	0 KIPS	0.00
0: 4:40	183.726	0	21	RUN 1	202	REL	80# 0#	32:5	.00:	1	GM6C	0 KIPS	18 KIPS	0.00
	183.713						80# 0#			2	GM10B	18 KIPS	27 KIPS	0.00
	183.700						80# 0#			3	SD40	27 KIPS	30 KIPS	0.00
	183.688						80# 0#			4	SD40	30 KIPS	32 KIPS	0.00
	183.676						80# 0#			5	GONDOLA	32 KIPS	32 KIPS	0.00
	183.532						80# 0#			24	GONDOLA	26 KIPS	25 KIPS	0.00
	183.388						80# 0#			43	GONDOLA	19 KIPS	19 KIPS	0.00
	183.244						80# 0#			62	GONDOLA	13 KIPS	13 KIPS	0.00
	183.100						80# 0#			81	GONDOLA	7 KIPS	6 KIPS	0.00
	182.956						80# 0#			100	GONDOLA	3 KIPS	0 KIPS	0.00
-----> RUN 2														
0: 4:41	183.732	0	21	RUN 2	219	REL	80# 0#	31:5	.00:	1	GM6C	0 KIPS	12 KIPS	0.00
	183.719						80# 0#			2	GM10B	12 KIPS	27 KIPS	0.00
	183.706						80# 0#			3	SD40	27 KIPS	29 KIPS	0.00
	183.694						80# 0#			4	SD40	29 KIPS	31 KIPS	0.00
	183.682						80# 0#			5	GONDOLA	31 KIPS	31 KIPS	0.00
	183.538						80# 0#			24	GONDOLA	25 KIPS	25 KIPS	0.00
	183.394						80# 0#			43	GONDOLA	19 KIPS	19 KIPS	0.00
	183.250						80# 0#			62	GONDOLA	13 KIPS	12 KIPS	0.00
	183.106						80# 0#			81	GONDOLA	7 KIPS	6 KIPS	0.00
	182.962						80# 0#			100	GONDOLA	0 KIPS	0 KIPS	0.00
0: 4:50	183.786	0	22	RUN 2	359	REL	80# 0#	84:5	.00:	1	GM6C	0 KIPS	24 KIPS	0.00
	183.773						80# 0#			2	GM10B	24 KIPS	54 KIPS	0.00
	183.760						80# 0#			3	SD40	54 KIPS	59 KIPS	0.00
	183.748						80# 0#			4	SD40	59 KIPS	64 KIPS	0.00
	183.735						80# 0#			5	GONDOLA	64 KIPS	63 KIPS	0.00
	183.591						80# 0#			24	GONDOLA	51 KIPS	51 KIPS	0.00
	183.447						80# 0#			43	GONDOLA	39 KIPS	38 KIPS	0.00
	183.304						80# 0#			62	GONDOLA	26 KIPS	25 KIPS	0.00
	183.160						80# 0#			81	GONDOLA	13 KIPS	13 KIPS	0.00
	183.018						80# 0#			100	GONDOLA	1 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 3.00 DEGREE CURVE														

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STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0: 5: 0	183.849	0	23	RUN	2	353	REL	REL	80#	0#	0#	0#	0.13
	183.838								80#	0#	0#	0#	0.13
	183.823								80#	0#	0#	0#	0.13
	183.810								80#	0#	0#	0#	0.13
	183.798								80#	0#	0#	0#	0.13
	183.784								80#	0#	0#	0#	0.13
	183.770								80#	0#	0#	0#	0.13
	183.756								80#	0#	0#	0#	0.13
	183.742								80#	0#	0#	0#	0.13
	183.728								80#	0#	0#	0#	0.13
0: 5: 10	183.914	0	24	RUN	2	348	REL	REL	80#	0#	0#	0#	0.13
	183.901								80#	0#	0#	0#	0.13
	183.888								80#	0#	0#	0#	0.13
	183.875								80#	0#	0#	0#	0.13
	183.863								80#	0#	0#	0#	0.13
	183.850								80#	0#	0#	0#	0.13
	183.837								80#	0#	0#	0#	0.13
	183.824								80#	0#	0#	0#	0.13
	183.811								80#	0#	0#	0#	0.13
	183.798								80#	0#	0#	0#	0.13
0: 5: 20	183.982	0	25	RUN	2	344	REL	REL	80#	0#	0#	0#	0.12
	183.969								80#	0#	0#	0#	0.12
	183.956								80#	0#	0#	0#	0.12
	183.944								80#	0#	0#	0#	0.12
	183.931								80#	0#	0#	0#	0.12
	183.918								80#	0#	0#	0#	0.12
	183.905								80#	0#	0#	0#	0.12
	183.892								80#	0#	0#	0#	0.12
	183.879								80#	0#	0#	0#	0.12
	183.866								80#	0#	0#	0#	0.12
SDG M	184.000	0	25	RUN	2	342	REL	REL	80#	0#	0#	0#	0.12
	183.987								80#	0#	0#	0#	0.12
	183.974								80#	0#	0#	0#	0.12
	183.962								80#	0#	0#	0#	0.12
	183.949								80#	0#	0#	0#	0.12
	183.936								80#	0#	0#	0#	0.12
	183.923								80#	0#	0#	0#	0.12
	183.910								80#	0#	0#	0#	0.12
	183.897								80#	0#	0#	0#	0.12
	183.884								80#	0#	0#	0#	0.12

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS REL	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
													DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0: 5:30	184.053	0	26	RUN	2	339	REL	REL	80#	0#	1	GM6C	0 KIPS	22 KIPS	0.12
	184.040								80#	0#	2	GM10B	22 KIPS	51 KIPS	0.12
	184.027								80#	0#	3	SD40	51 KIPS	56 KIPS	0.13
	184.015								80#	0#	4	SD40	56 KIPS	60 KIPS	0.13
	184.002								80#	0#	5	GONDOLA	60 KIPS	59 KIPS	0.10
	183.858								80#	0#	24	GONDOLA	44 KIPS	43 KIPS	0.09
	183.714								80#	0#	43	GONDOLA	21 KIPS	31 KIPS	0.00
	183.670								80#	0#	62	GONDOLA	21 KIPS	21 KIPS	0.00
	183.428								80#	0#	81	GONDOLA	11 KIPS	10 KIPS	0.00
	183.283								80#	0#	100	GONDOLA	0 KIPS	0 KIPS	0.00
0: 5:38	184.110	0	27	RUN	2	336	REL	REL	80#	0#	1	GM6C	0 KIPS	22 KIPS	0.00
	184.087								80#	0#	2	GM10B	22 KIPS	51 KIPS	0.00
	184.084								80#	0#	3	SD40	51 KIPS	56 KIPS	0.00
	184.072								80#	0#	4	SD40	56 KIPS	60 KIPS	0.01
	184.059								80#	0#	5	GONDOLA	60 KIPS	59 KIPS	0.08
	183.915								80#	0#	24	GONDOLA	46 KIPS	45 KIPS	0.09
	183.771								80#	0#	43	GONDOLA	31 KIPS	30 KIPS	0.00
	183.627								80#	0#	62	GONDOLA	21 KIPS	20 KIPS	0.00
	183.483								80#	0#	81	GONDOLA	11 KIPS	10 KIPS	0.00
	183.340								80#	0#	100	GONDOLA	1 KIPS	0 KIPS	0.00
-----> RUN 4															
0: 5:39	184.117	0	27	RUN	4	351	REL	REL	80#	0#	1	GM6C	0 KIPS	22 KIPS	0.00
	184.104								80#	0#	2	GM10B	22 KIPS	51 KIPS	0.00
	184.081								80#	0#	3	SD40	51 KIPS	56 KIPS	0.00
	184.078								80#	0#	4	SD40	56 KIPS	59 KIPS	0.00
	184.067								80#	0#	5	GONDOLA	59 KIPS	59 KIPS	0.00
	183.923								80#	0#	24	GONDOLA	48 KIPS	48 KIPS	0.08
	183.779								80#	0#	43	GONDOLA	30 KIPS	30 KIPS	0.00
	183.635								80#	0#	62	GONDOLA	20 KIPS	20 KIPS	0.00
	183.491								80#	0#	81	GONDOLA	11 KIPS	10 KIPS	0.00
	183.347								80#	0#	100	GONDOLA	1 KIPS	0 KIPS	0.00
0: 5:40	184.125	0	27	RUN	4	368	REL	REL	80#	0#	1	GM6C	0 KIPS	21 KIPS	0.00
	184.112								80#	0#	2	GM10B	21 KIPS	51 KIPS	0.00
	184.099								80#	0#	3	SD40	51 KIPS	56 KIPS	0.00
	184.086								80#	0#	4	SD40	56 KIPS	61 KIPS	0.00
	184.074								80#	0#	5	GONDOLA	61 KIPS	60 KIPS	0.00
	183.930								80#	0#	24	GONDOLA	47 KIPS	46 KIPS	0.08
	183.786								80#	0#	43	GONDOLA	31 KIPS	31 KIPS	0.00
	183.642								80#	0#	62	GONDOLA	21 KIPS	21 KIPS	0.00
	183.488								80#	0#	81	GONDOLA	11 KIPS	10 KIPS	0.00
	183.354								80#	0#	100	GONDOLA	1 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 1.31 % GRADE															

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STATION TIME	MP	SPEED LMT RUN	THLTL AMP REL	SETTING REL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES		L/V RATIO
									FORE	AFT	
0: 5:40	184.128	0	27	4	381	REL	REL	80#	0#	0#	0#
	184.113							80#	0#	0#	0#
	184.100							80#	0#	0#	0#
	184.088							80#	0#	0#	0#
	184.078							80#	0#	0#	0#
	183.932							80#	0#	0#	0#
	183.788							80#	0#	0#	0#
	183.644							80#	0#	0#	0#
	183.500							80#	0#	0#	0#
	183.358							80#	0#	0#	0#
0: 5:50	184.203	0	28	4	598	REL	REL	80#	0#	0#	0#
	184.190							80#	0#	0#	0#
	184.177							80#	0#	0#	0#
	184.164							80#	0#	0#	0#
	184.152							80#	0#	0#	0#
	184.008							80#	0#	0#	0#
	183.864							80#	0#	0#	0#
	183.720							80#	0#	0#	0#
	183.576							80#	0#	0#	0#
	183.432							80#	0#	0#	0#
-----> TRAIN ENTERING 3.50 DEGREE CURVE											
0: 6: 0	184.283	0	29	4	599	REL	REL	80#	0#	0#	0#
	184.269							80#	0#	0#	0#
	184.256							80#	0#	0#	0#
	184.244							80#	0#	0#	0#
	184.232							80#	0#	0#	0#
	184.088							80#	0#	0#	0#
	183.944							80#	0#	0#	0#
	183.800							80#	0#	0#	0#
	183.656							80#	0#	0#	0#
	183.512							80#	0#	0#	0#
0: 6:10	184.384	0	30	4	583	REL	REL	80#	0#	0#	0#
	184.351							80#	0#	0#	0#
	184.338							80#	0#	0#	0#
	184.326							80#	0#	0#	0#
	184.314							80#	0#	0#	0#
	184.170							80#	0#	0#	0#
	184.026							80#	0#	0#	0#
	183.882							80#	0#	0#	0#
	183.738							80#	0#	0#	0#
	183.594							80#	0#	0#	0#

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	BRAKES IND	PRESSURE PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0: 6:19	184.440	0	30	RUN	4	582	REL		GMBC	0 KIPS	38 KIPS	0.11
	184.427							2	GM10B	38 KIPS	80 KIPS	0.11
	184.414							3	SD40	90 KIPS	103 KIPS	0.13
	184.402							4	SD40	103 KIPS	115 KIPS	0.12
	184.388							5	GONDOLA	115 KIPS	112 KIPS	0.08
	184.245							24	GONDOLA	50 KIPS	47 KIPS	0.08
	184.101							43	GONDOLA	-48 KIPS	4 KIPS	0.00
	183.957							82	GONDOLA	2 KIPS	2 KIPS	0.07
	183.813							81	GONDOLA	0 KIPS	0 KIPS	0.07
	183.670							100	GONDOLA	0 KIPS	0 KIPS	0.00
-----> RUN 6												
-----> CONTINUE UNTIL SPEED REACHES 15 M.P.H.												
0: 6:20	184.448	0	30	RUN	8	598	REL		GMBC	0 KIPS	38 KIPS	0.11
	184.434							2	GM10B	38 KIPS	81 KIPS	0.11
	184.421							3	SD40	91 KIPS	103 KIPS	0.13
	184.409							4	SD40	103 KIPS	115 KIPS	0.12
	184.387							5	GONDOLA	115 KIPS	112 KIPS	0.08
	184.283							24	GONDOLA	50 KIPS	47 KIPS	0.08
	184.108							43	GONDOLA	-35 KIPS	-48 KIPS	0.00
	183.965							82	GONDOLA	2 KIPS	2 KIPS	0.07
	183.821							81	GONDOLA	0 KIPS	0 KIPS	0.07
	183.677							100	GONDOLA	0 KIPS	0 KIPS	0.00
0: 6:21	184.458	0	30	RUN	8	605	REL		GMBC	0 KIPS	38 KIPS	0.11
	184.443							2	GM10B	38 KIPS	82 KIPS	0.11
	184.430							3	SD40	92 KIPS	104 KIPS	0.13
	184.417							4	SD40	104 KIPS	117 KIPS	0.12
	184.405							5	GONDOLA	117 KIPS	114 KIPS	0.08
	184.281							24	GONDOLA	51 KIPS	48 KIPS	0.08
	184.117							43	GONDOLA	-23 KIPS	-31 KIPS	0.01
	183.973							81	GONDOLA	2 KIPS	2 KIPS	0.07
	183.829							81	GONDOLA	-4 KIPS	0 KIPS	0.00
	183.685							100	GONDOLA	0 KIPS	0 KIPS	0.00
0: 6:30	184.531	0	30	RUN	8	838	REL		GMBC	0 KIPS	58 KIPS	0.12
	184.518							2	GM10B	58 KIPS	138 KIPS	0.12
	184.505							3	SD40	138 KIPS	183 KIPS	0.14
	184.492							4	SD40	183 KIPS	187 KIPS	0.12
	184.480							5	GONDOLA	187 KIPS	183 KIPS	0.09
	184.338							24	GONDOLA	111 KIPS	107 KIPS	0.09
	184.192							43	GONDOLA	56 KIPS	63 KIPS	0.01
	184.048							82	GONDOLA	2 KIPS	2 KIPS	0.07
	183.904							81	GONDOLA	-4 KIPS	-5 KIPS	0.07
	183.760							100	GONDOLA	0 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.00 DEGREE CURVE												

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STATION TIME	MP	SPEED LMT RUN	THLTL AMP	SETTING TRN INO PIPE CYL	BRAKES PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRAMBAR FORCES AFT	DRAMBAR FORCES FORE	
0: 6:40	184.815	0	30 RUN 8	839 REL REL	80# 0#	192:5	1	GMBC	59 KIPS	0 KIPS	0.11
	184.802				80# 0#		2	GM10B	141 KIPS	59 KIPS	0.24
	184.589				80# 0#		3	SD40	187 KIPS	141 KIPS	0.31
	184.576				80# 0#		4	SD40	192 KIPS	187 KIPS	0.14
	184.564				80# 0#		5	GONDOLA	189 KIPS	192 KIPS	0.10
	184.420				80# 0#		24	GONDOLA	124 KIPS	189 KIPS	0.08
	184.278				50# 0#		43	GONDOLA	63 KIPS	124 KIPS	0.08
	184.132				80# 0#		62	GONDOLA	38 KIPS	63 KIPS	0.00
	183.988				80# 0#		81	GONDOLA	9 KIPS	38 KIPS	0.07
	183.844				80# 0#		100	GONDOLA	-5 KIPS	9 KIPS	0.07
-----> TRAIN ENTERING 4.00 DEGREE CURVE											
0: 6:50	184.698	0	30 RUN 8	843 REL REL	80# 0#	194:5	1	GMBC	80 KIPS	0 KIPS	0.12
	184.685				80# 0#		2	GM10B	142 KIPS	80 KIPS	0.26
	184.672				80# 0#		3	SD40	168 KIPS	142 KIPS	0.23
	184.660				80# 0#		4	SD40	194 KIPS	168 KIPS	0.40
	184.647				80# 0#		5	GONDOLA	181 KIPS	194 KIPS	0.34
	184.504				80# 0#		24	GONDOLA	130 KIPS	181 KIPS	0.08
	184.360				80# 0#		43	GONDOLA	67 KIPS	130 KIPS	0.08
	184.216				80# 0#		82	GONDOLA	28 KIPS	67 KIPS	0.00
	184.072				80# 0#		81	GONDOLA	-102 KIPS	28 KIPS	0.07
	183.928				80# 0#		100	GONDOLA	-3 KIPS	-102 KIPS	0.07
0: 7: 0	184.780	0	28 RUN 8	852 REL REL	80# 0#	198:5	1	GMBC	81 KIPS	0 KIPS	0.12
	184.767				80# 0#		2	GM10B	143 KIPS	81 KIPS	0.15
	184.754				80# 0#		3	SD40	171 KIPS	143 KIPS	0.32
	184.742				80# 0#		4	SD40	198 KIPS	171 KIPS	0.28
	184.729				80# 0#		5	GONDOLA	195 KIPS	198 KIPS	0.11
	184.585				80# 0#		24	GONDOLA	142 KIPS	195 KIPS	0.08
	184.442				80# 0#		43	GONDOLA	89 KIPS	142 KIPS	0.08
	184.298				80# 0#		82	GONDOLA	33 KIPS	89 KIPS	0.03
	184.154				80# 0#		81	GONDOLA	-78 KIPS	33 KIPS	0.07
	184.010				80# 0#		100	GONDOLA	-92 KIPS	-78 KIPS	0.12
0: 7: 10	184.860	0	28 RUN 8	865 REL REL	80# 0#	205:5	1	GMBC	83 KIPS	0 KIPS	0.15
	184.847				80# 0#		2	GM10B	147 KIPS	83 KIPS	0.15
	184.833				80# 0#		3	SD40	176 KIPS	147 KIPS	0.33
	184.821				80# 0#		4	SD40	205 KIPS	176 KIPS	0.27
	184.808				80# 0#		5	GONDOLA	157 KIPS	205 KIPS	0.11
	184.685				80# 0#		24	GONDOLA	113 KIPS	157 KIPS	0.08
	184.521				80# 0#		43	GONDOLA	65 KIPS	113 KIPS	0.08
	184.377				80# 0#		82	GONDOLA	58 KIPS	65 KIPS	0.08
	184.233				80# 0#		81	GONDOLA	-4 KIPS	58 KIPS	0.00
	184.089				80# 0#		100	GONDOLA	-4 KIPS	-4 KIPS	0.00
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
-----> TRAIN ENTERING 2.50 DEGREE CURVE											

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0: 7:20	184.926	0	27	8	884	REL	REL	80# 0# 213:5 .34:3	1	GM6C	0 KIPS	85 KIPS	0.13
	184.923							80# 0#	2	GM10B	85 KIPS	151 KIPS	0.29
	184.910							80# 0#	3	SD40	151 KIPS	182 KIPS	0.34
	184.897							80# 0#	4	SD40	182 KIPS	213 KIPS	0.15
	184.885							80# 0#	5	GONDOLA	213 KIPS	211 KIPS	0.10
	184.741							80# 0#	24	GONDOLA	169 KIPS	167 KIPS	0.10
	184.597							80# 0#	43	GONDOLA	128 KIPS	128 KIPS	0.10
	184.453							80# 0#	82	GONDOLA	85 KIPS	83 KIPS	0.08
	184.309							80# 0#	81	GONDOLA	42 KIPS	40 KIPS	0.08
	184.185							80# 0#	100	GONDOLA	16 KIPS	0 KIPS	0.00
0: 7:30	185.008	0	25	8	903	REL	REL	80# 0# 220:5 .29:4	1	GM6C	0 KIPS	88 KIPS	0.08
	184.995							80# 0#	2	GM10B	88 KIPS	153 KIPS	0.17
	184.982							80# 0#	3	SD40	153 KIPS	187 KIPS	0.25
	184.970							80# 0#	4	SD40	187 KIPS	220 KIPS	0.29
	184.957							80# 0#	5	GONDOLA	220 KIPS	217 KIPS	0.26
	184.813							80# 0#	24	GONDOLA	178 KIPS	174 KIPS	0.10
	184.689							80# 0#	43	GONDOLA	131 KIPS	129 KIPS	0.13
	184.525							80# 0#	82	GONDOLA	90 KIPS	88 KIPS	0.09
	184.381							80# 0#	81	GONDOLA	48 KIPS	44 KIPS	0.08
	184.238							80# 0#	100	GONDOLA	2 KIPS	0 KIPS	0.08
0: 7:40	185.077	0	24	8	922	REL	REL	80# 0# 225:5 .23:18	1	GM6C	0 KIPS	88 KIPS	0.07
	185.063							80# 0#	2	GM10B	88 KIPS	156 KIPS	0.08
	185.050							80# 0#	3	SD40	156 KIPS	190 KIPS	0.13
	185.038							80# 0#	4	SD40	190 KIPS	225 KIPS	0.20
	185.026							80# 0#	5	GONDOLA	225 KIPS	223 KIPS	0.19
	184.882							80# 0#	24	GONDOLA	181 KIPS	178 KIPS	0.11
	184.738							80# 0#	43	GONDOLA	135 KIPS	133 KIPS	0.10
	184.594							80# 0#	82	GONDOLA	92 KIPS	90 KIPS	0.10
	184.450							80# 0#	81	GONDOLA	47 KIPS	45 KIPS	0.09
	184.308							80# 0#	100	GONDOLA	2 KIPS	0 KIPS	0.08
0: 7:50	185.141	0	23	8	941	REL	REL	80# 0# 231:5 .22:25	1	GM6C	0 KIPS	70 KIPS	0.08
	185.128							80# 0#	2	GM10B	70 KIPS	160 KIPS	0.09
	185.115							80# 0#	3	SD40	160 KIPS	195 KIPS	0.13
	185.103							80# 0#	4	SD40	195 KIPS	231 KIPS	0.15
	185.091							80# 0#	5	GONDOLA	231 KIPS	229 KIPS	0.20
	184.947							80# 0#	24	GONDOLA	188 KIPS	184 KIPS	0.11
	184.803							80# 0#	43	GONDOLA	140 KIPS	138 KIPS	0.10
	184.659							80# 0#	82	GONDOLA	93 KIPS	90 KIPS	0.14
	184.515							80# 0#	81	GONDOLA	49 KIPS	47 KIPS	0.09
	184.371							80# 0#	100	GONDOLA	2 KIPS	0 KIPS	0.08

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STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	AFT	
0: 8: 0	185.203	0	22	RUN	6	959	REL	REL	80#	0#	0#	0#	0.08
	185.190								80#	0#	0#	0#	0.09
	185.177								80#	0#	0#	0#	0.15
	185.165								80#	0#	0#	0#	0.20
	185.152								80#	0#	0#	0#	0.07
	185.008								80#	0#	0#	0#	0.11
	184.864								80#	0#	0#	0#	0.09
	184.720								80#	0#	0#	0#	0.08
	184.578								80#	0#	0#	0#	0.08
	184.433								80#	0#	0#	0#	0.08
0: 8: 10	185.261	0	20	RUN	6	975	REL	REL	80#	0#	0#	0#	0.08
	185.248								80#	0#	0#	0#	0.09
	185.235								80#	0#	0#	0#	0.10
	185.223								80#	0#	0#	0#	0.09
	185.211								80#	0#	0#	0#	0.11
	185.087								80#	0#	0#	0#	0.10
	184.923								80#	0#	0#	0#	0.10
	184.779								80#	0#	0#	0#	0.09
	184.635								80#	0#	0#	0#	0.08
0: 8: 20	184.491	0	19	RUN	6	0	REL	REL	80#	0#	0#	0#	0.10
	185.317								80#	0#	0#	0#	0.10
	185.304								80#	0#	0#	0#	0.10
	185.280								80#	0#	0#	0#	0.10
	185.278								80#	0#	0#	0#	0.10
	185.266								80#	0#	0#	0#	0.07
	185.122								80#	0#	0#	0#	0.14
	184.978								80#	0#	0#	0#	0.10
	184.834								80#	0#	0#	0#	0.10
	184.690								80#	0#	0#	0#	0.08
0: 8: 21	185.322	0	19	RUN	6	994	REL	REL	80#	0#	0#	0#	0.08
	185.309								80#	0#	0#	0#	0.09
	185.296								80#	0#	0#	0#	0.10
	185.284								80#	0#	0#	0#	0.10
	185.271								80#	0#	0#	0#	0.09
	185.127								80#	0#	0#	0#	0.07
	184.983								80#	0#	0#	0#	0.11
	184.839								80#	0#	0#	0#	0.11
	184.695								80#	0#	0#	0#	0.11
	184.552								80#	0#	0#	0#	0.11

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	998 REL	997 REL	997 REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0: 8:22	185.327	0	19	8	998	REL	REL	80# 0#	1	GM8C	0 KIPS	55 KIPS	0.08
	185.314							80# 0#	2	GM10B	55 KIPS	147 KIPS	0.09
	185.301							80# 0#	3	SD40	147 KIPS	192 KIPS	0.10
	185.289							80# 0#	4	SD40	192 KIPS	237 KIPS	0.10
	185.277							80# 0#	5	GONDOLA	237 KIPS	238 KIPS	0.10
	185.133							80# 0#	24	GONDOLA	204 KIPS	202 KIPS	0.07
	184.889							80# 0#	43	GONDOLA	179 KIPS	177 KIPS	0.07
	184.845							80# 0#	62	GONDOLA	151 KIPS	150 KIPS	0.11
	184.701							80# 0#	81	GONDOLA	122 KIPS	120 KIPS	0.11
	184.557							80# 0#	100	GONDOLA	98 KIPS	0 KIPS	0.10
0: 8:23	185.333	0	19	8	997	REL	REL	80# 0#	1	GM8C	0 KIPS	63 KIPS	0.08
	185.320							80# 0#	2	GM10B	63 KIPS	155 KIPS	0.08
	185.306							80# 0#	3	SD40	155 KIPS	200 KIPS	0.10
	185.294							80# 0#	4	SD40	200 KIPS	248 KIPS	0.10
	185.282							80# 0#	5	GONDOLA	248 KIPS	244 KIPS	0.10
	185.138							80# 0#	24	GONDOLA	205 KIPS	202 KIPS	0.07
	184.994							80# 0#	43	GONDOLA	170 KIPS	169 KIPS	0.07
	184.850							80# 0#	62	GONDOLA	135 KIPS	133 KIPS	0.11
	184.708							80# 0#	81	GONDOLA	98 KIPS	96 KIPS	0.11
	184.562							80# 0#	100	GONDOLA	64 KIPS	0 KIPS	0.10
0: 8:30	185.369	0	18	8	1007	REL	REL	80# 0#	1	GM8C	0 KIPS	75 KIPS	0.08
	185.356							80# 0#	2	GM10B	75 KIPS	168 KIPS	0.10
	185.343							80# 0#	3	SD40	168 KIPS	213 KIPS	0.10
	185.330							80# 0#	4	SD40	213 KIPS	259 KIPS	0.11
	185.318							80# 0#	5	GONDOLA	259 KIPS	258 KIPS	0.13
	185.174							80# 0#	24	GONDOLA	208 KIPS	208 KIPS	0.07
	185.030							80# 0#	43	GONDOLA	181 KIPS	180 KIPS	0.07
	184.886							80# 0#	62	GONDOLA	125 KIPS	122 KIPS	0.11
	184.742							80# 0#	81	GONDOLA	82 KIPS	80 KIPS	0.11
	184.598							80# 0#	100	GONDOLA	43 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0: 8:40	185.418	0	17	8	1020	REL	REL	80# 0#	1	GM8C	0 KIPS	78 KIPS	0.12
	185.405							80# 0#	2	GM10B	78 KIPS	168 KIPS	0.15
	185.392							80# 0#	3	SD40	168 KIPS	217 KIPS	0.18
	185.380							80# 0#	4	SD40	217 KIPS	267 KIPS	0.11
	185.368							80# 0#	5	GONDOLA	267 KIPS	264 KIPS	0.13
	185.224							80# 0#	24	GONDOLA	215 KIPS	212 KIPS	0.08
	185.080							80# 0#	43	GONDOLA	163 KIPS	160 KIPS	0.07
	184.936							80# 0#	62	GONDOLA	111 KIPS	108 KIPS	0.15
	184.792							80# 0#	81	GONDOLA	57 KIPS	54 KIPS	0.11
	184.648							80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.10

STATION TIME	MP	SPEED LMT RUN	THRTLE AMPS	BRAKES SETTING TRN IND PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRANBAR FORCES FORE	AFT	
0: 8:50	185.466	0	17	RUN 6	1033	REL	1	GMBC	0 KIPS	77 KIPS	0.00
	185.483						2	GM10B	77 KIPS	169 KIPS	0.25
	185.440						3	SD40	169 KIPS	222 KIPS	0.36
	185.427						4	SD40	222 KIPS	274 KIPS	0.37
	185.415						5	GONDOLA	274 KIPS	272 KIPS	0.25
	185.271						24	GONDOLA	221 KIPS	218 KIPS	0.08
	185.127						43	GONDOLA	168 KIPS	165 KIPS	0.07
	184.983						62	GONDOLA	114 KIPS	111 KIPS	0.07
	184.839						81	GONDOLA	59 KIPS	57 KIPS	0.11
	184.695						100	GONDOLA	3 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 3.00 DEGREE CURVE											
0: 9: 0	185.511	0	16	RUN 6	1044	REL	1	GMBC	0 KIPS	77 KIPS	0.18
	185.498						2	GM10B	77 KIPS	170 KIPS	0.30
	185.485						3	SD40	170 KIPS	225 KIPS	0.25
	185.472						4	SD40	225 KIPS	280 KIPS	0.00
	185.460						5	GONDOLA	280 KIPS	277 KIPS	0.00
	185.316						24	GONDOLA	227 KIPS	224 KIPS	0.08
	185.172						43	GONDOLA	172 KIPS	169 KIPS	0.07
	185.028						62	GONDOLA	118 KIPS	113 KIPS	0.07
	184.884						81	GONDOLA	61 KIPS	58 KIPS	0.11
	184.740						100	GONDOLA	3 KIPS	0 KIPS	0.10
0: 9: 9	185.550	0	15	RUN 8	1053	REL	1	GMBC	0 KIPS	78 KIPS	0.12
	185.537						2	GM10B	78 KIPS	170 KIPS	0.30
	185.523						3	SD40	170 KIPS	227 KIPS	0.40
	185.511						4	SD40	227 KIPS	285 KIPS	0.34
	185.489						5	GONDOLA	285 KIPS	282 KIPS	0.26
	185.355						24	GONDOLA	231 KIPS	228 KIPS	0.08
	185.211						43	GONDOLA	175 KIPS	172 KIPS	0.07
	185.067						62	GONDOLA	118 KIPS	115 KIPS	0.07
	184.923						81	GONDOLA	62 KIPS	59 KIPS	0.11
	184.779						100	GONDOLA	3 KIPS	0 KIPS	0.10
-----> RUN 8											
-----> CONTINUE FOR 300 SECONDS											
0: 9:10	185.554	0	15	RUN 8	1069	REL	1	GMBC	0 KIPS	78 KIPS	0.10
	185.541						2	GM10B	78 KIPS	170 KIPS	0.12
	185.528						3	SD40	170 KIPS	228 KIPS	0.13
	185.515						4	SD40	228 KIPS	285 KIPS	0.13
	185.503						5	GONDOLA	285 KIPS	282 KIPS	0.11
	185.359						24	GONDOLA	231 KIPS	229 KIPS	0.08
	185.215						43	GONDOLA	175 KIPS	172 KIPS	0.07
	185.071						62	GONDOLA	118 KIPS	115 KIPS	0.07
	184.927						81	GONDOLA	62 KIPS	59 KIPS	0.07
	184.783						100	GONDOLA	3 KIPS	0 KIPS	0.10

STATION TIME	MP	SPEED LMT RUN	THRTLE AMPS	SETTING TRN IND PIPE	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER	DRAWBAR FORCES		L/V RATIO	
					REL	IND				FORE	AFT		
O: 9:11	185.558	0	15	RUN 8	1104	REL	80# 0# 292:5	23:20	1	GMBC	0 KIPS	81 KIPS	0.11
	185.545					80# 0#			2	GM10B	81 KIPS	177 KIPS	0.12
	185.532					80# 0#			3	SD40	177 KIPS	235 KIPS	0.13
	185.520					80# 0#			4	SD40	235 KIPS	292 KIPS	0.13
	185.507					80# 0#			5	GONDOLA	292 KIPS	289 KIPS	0.11
	185.363					80# 0#			24	GONDOLA	237 KIPS	234 KIPS	0.08
	185.219					80# 0#			43	GONDOLA	180 KIPS	176 KIPS	0.08
	185.075					80# 0#			62	GONDOLA	122 KIPS	118 KIPS	0.07
	184.931					80# 0#			81	GONDOLA	63 KIPS	60 KIPS	0.07
	184.788					80# 0#			100	GONDOLA	3 KIPS	0 KIPS	0.10
O: 9:20	185.595	0	15	RUN 8	1322	REL	80# 0# 345:5	33:10	1	GMBC	0 KIPS	99 KIPS	0.11
	185.582					80# 0#			2	GM10B	99 KIPS	229 KIPS	0.13
	185.569					80# 0#			3	SD40	229 KIPS	287 KIPS	0.13
	185.557					80# 0#			4	SD40	287 KIPS	345 KIPS	0.13
	185.545					80# 0#			5	GONDOLA	345 KIPS	341 KIPS	0.15
	185.401					80# 0#			24	GONDOLA	279 KIPS	275 KIPS	0.16
	185.257					80# 0#			43	GONDOLA	211 KIPS	207 KIPS	0.08
	185.113					80# 0#			62	GONDOLA	142 KIPS	138 KIPS	0.07
	184.969					80# 0#			81	GONDOLA	74 KIPS	70 KIPS	0.07
	184.825					80# 0#			100	GONDOLA	4 KIPS	0 KIPS	0.10
O: 9:30	185.637	0	15	RUN 8	1326	REL	80# 0# 348:5	32:14	1	GMBC	0 KIPS	100 KIPS	0.11
	185.624					80# 0#			2	GM10B	100 KIPS	230 KIPS	0.13
	185.611					80# 0#			3	SD40	230 KIPS	288 KIPS	0.13
	185.598					80# 0#			4	SD40	288 KIPS	346 KIPS	0.13
	185.586					80# 0#			5	GONDOLA	346 KIPS	342 KIPS	0.15
	185.442					80# 0#			24	GONDOLA	279 KIPS	275 KIPS	0.03
	185.298					80# 0#			43	GONDOLA	211 KIPS	207 KIPS	0.08
	185.154					80# 0#			62	GONDOLA	142 KIPS	138 KIPS	0.07
	185.010					80# 0#			81	GONDOLA	74 KIPS	70 KIPS	0.07
	184.866					80# 0#			100	GONDOLA	4 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 0.53 % GRADE													
O: 9:40	185.678	0	15	RUN 8	1328	REL	80# 0# 356:5	31:21	1	GMBC	0 KIPS	103 KIPS	0.11
	185.665					80# 0#			2	GM10B	103 KIPS	235 KIPS	0.13
	185.652					80# 0#			3	SD40	235 KIPS	297 KIPS	0.13
	185.639					80# 0#			4	SD40	297 KIPS	356 KIPS	0.13
	185.627					80# 0#			5	GONDOLA	356 KIPS	352 KIPS	0.16
	185.483					80# 0#			24	GONDOLA	284 KIPS	281 KIPS	0.18
	185.339					80# 0#			43	GONDOLA	216 KIPS	212 KIPS	0.08
	185.195					80# 0#			62	GONDOLA	145 KIPS	142 KIPS	0.07
	185.051					80# 0#			81	GONDOLA	74 KIPS	71 KIPS	0.07
	184.907					80# 0#			100	GONDOLA	4 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 0.00 DEGREE CURVE													

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	DRABAR FORCES AFT	
0: 9:50	185.719	0	15	RUN	8	1327	REL	REL	80#	0#	0 KIPS	103 KIPS	0.17
	185.708								80#	0#	103 KIPS	236 KIPS	0.38
	185.693								80#	0#	236 KIPS	297 KIPS	0.48
	185.681								80#	0#	297 KIPS	358 KIPS	0.30
	185.668								80#	0#	358 KIPS	358 KIPS	0.18
	185.524								80#	0#	358 KIPS	289 KIPS	0.11
	185.380								80#	0#	293 KIPS	219 KIPS	0.08
	185.238								80#	0#	223 KIPS	148 KIPS	0.07
	185.092								80#	0#	150 KIPS	73 KIPS	0.07
	184.949								80#	0#	4 KIPS	0 KIPS	0.08
0: 10: 0	185.780	0	15	RUN	8	1322	REL	REL	80#	0#	0 KIPS	103 KIPS	0.00
	185.747								80#	0#	103 KIPS	236 KIPS	0.00
	185.734								80#	0#	236 KIPS	297 KIPS	0.50
	185.722								80#	0#	297 KIPS	358 KIPS	0.48
	185.710								80#	0#	358 KIPS	358 KIPS	0.33
	185.598								80#	0#	301 KIPS	297 KIPS	0.10
	185.422								80#	0#	228 KIPS	224 KIPS	0.14
	185.278								80#	0#	154 KIPS	150 KIPS	0.07
	185.134								80#	0#	79 KIPS	78 KIPS	0.07
	184.990								80#	0#	4 KIPS	0 KIPS	0.08
0: 10: 10	185.802	0	15	RUN	8	1313	REL	REL	80#	0#	0 KIPS	102 KIPS	0.00
	185.789								80#	0#	102 KIPS	235 KIPS	0.00
	185.778								80#	0#	235 KIPS	298 KIPS	0.00
	185.764								80#	0#	298 KIPS	358 KIPS	0.00
	185.751								80#	0#	358 KIPS	358 KIPS	0.00
	185.607								80#	0#	358 KIPS	305 KIPS	0.10
	185.484								80#	0#	309 KIPS	228 KIPS	0.00
	185.320								80#	0#	232 KIPS	153 KIPS	0.07
	185.178								80#	0#	157 KIPS	77 KIPS	0.07
	185.032								80#	0#	81 KIPS	0 KIPS	0.08
-----> TRAIN ENTERING 3.00 DEGREE CURVE													
0: 10: 20	185.845	0	15	RUN	8	1302	REL	REL	80#	0#	0 KIPS	101 KIPS	0.28
	185.832								80#	0#	101 KIPS	234 KIPS	0.38
	185.819								80#	0#	234 KIPS	294 KIPS	0.42
	185.808								80#	0#	294 KIPS	353 KIPS	0.38
	185.794								80#	0#	353 KIPS	351 KIPS	0.00
	185.650								80#	0#	313 KIPS	309 KIPS	0.10
	185.508								80#	0#	238 KIPS	231 KIPS	0.27
	185.382								80#	0#	180 KIPS	158 KIPS	0.07
	185.218								80#	0#	82 KIPS	78 KIPS	0.07
	185.074								80#	0#	4 KIPS	0 KIPS	0.08

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN	SETTING REL	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
						IND PIPE	REL CYL				DRAMBAR FORCES FORE	DRAMBAR FORCES AFT					
0:10:30	185.888	0	16	RUN	8	1288	REL	REL	80#	0#	348.5	.51:3	1	GMHC	0 KIPS	100 KIPS	0.12
	185.875								80#	0#			2	GM10B	100 KIPS	232 KIPS	0.38
	185.882								80#	0#			3	SD40	232 KIPS	290 KIPS	0.51
	185.850								80#	0#			4	SD40	290 KIPS	348 KIPS	0.47
	185.837								80#	0#			5	GONDOLA	348 KIPS	348 KIPS	0.41
	185.894								80#	0#			24	GONDOLA	310 KIPS	308 KIPS	0.28
	185.550								80#	0#			43	GONDOLA	240 KIPS	238 KIPS	0.09
	185.408								80#	0#			82	GONDOLA	163 KIPS	159 KIPS	0.08
	185.282								80#	0#			81	GONDOLA	84 KIPS	78 KIPS	0.07
	185.118								80#	0#			100	GONDOLA	4 KIPS	0 KIPS	0.06
0:10:40	185.933	0	16	RUN	8	1272	REL	REL	80#	0#	343.5	.33:11	1	GMHC	0 KIPS	98 KIPS	0.11
	185.920								80#	0#			2	GM10B	98 KIPS	230 KIPS	0.12
	185.907								80#	0#			3	SD40	230 KIPS	287 KIPS	0.13
	185.894								80#	0#			4	SD40	287 KIPS	343 KIPS	0.13
	185.882								80#	0#			5	GONDOLA	343 KIPS	341 KIPS	0.15
	185.738								80#	0#			24	GONDOLA	304 KIPS	302 KIPS	0.02
	185.584								80#	0#			43	GONDOLA	244 KIPS	240 KIPS	0.09
	185.450								80#	0#			82	GONDOLA	184 KIPS	180 KIPS	0.00
	185.306								80#	0#			81	GONDOLA	85 KIPS	81 KIPS	0.07
	185.162								80#	0#			100	GONDOLA	4 KIPS	0 KIPS	0.06
0:10:50	185.978	0	17	RUN	8	1254	REL	REL	80#	0#	338.5	.33:15	1	GMHC	0 KIPS	97 KIPS	0.11
	185.966								80#	0#			2	GM10B	97 KIPS	228 KIPS	0.12
	185.952								80#	0#			3	SD40	229 KIPS	283 KIPS	0.13
	185.940								80#	0#			4	SD40	283 KIPS	338 KIPS	0.13
	185.928								80#	0#			5	GONDOLA	338 KIPS	338 KIPS	0.15
	185.784								80#	0#			24	GONDOLA	298 KIPS	294 KIPS	0.00
	185.640								80#	0#			43	GONDOLA	247 KIPS	244 KIPS	0.08
	185.498								80#	0#			82	GONDOLA	185 KIPS	181 KIPS	0.15
	185.352								80#	0#			81	GONDOLA	88 KIPS	82 KIPS	0.07
	185.208								80#	0#			100	GONDOLA	4 KIPS	0 KIPS	0.06
0:11:0	186.028	0	17	RUN	8	1234	REL	REL	80#	0#	332.5	.30:23	1	GMHC	0 KIPS	95 KIPS	0.11
	186.013								80#	0#			2	GM10B	95 KIPS	227 KIPS	0.12
	186.000								80#	0#			3	SD40	227 KIPS	280 KIPS	0.13
	185.987								80#	0#			4	SD40	280 KIPS	332 KIPS	0.13
	185.975								80#	0#			5	GONDOLA	332 KIPS	330 KIPS	0.12
	185.831								80#	0#			24	GONDOLA	287 KIPS	285 KIPS	0.21
	185.687								80#	0#			43	GONDOLA	246 KIPS	243 KIPS	0.15
	185.543								80#	0#			82	GONDOLA	188 KIPS	183 KIPS	0.09
	185.399								80#	0#			81	GONDOLA	87 KIPS	83 KIPS	0.07
	185.255								80#	0#			100	GONDOLA	4 KIPS	0 KIPS	0.06

STATION TIME	MP	SPEED LMT RUN	THITLE AMPS TRN INO PIPE	BRKES SETTING PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
								FORE	AFT	
0:11:10	185.074	0	18 RUN 8	1212 REL	REL	80#	0#	326:5	.29:28	
	188.061					80#	0#			
	186.048					80#	0#			
	186.036					80#	0#			
	186.024					80#	0#			
	185.880					80#	0#			
	185.738					80#	0#			
	185.592					80#	0#			
	185.448					80#	0#			
	185.304					80#	0#			
0:11:20	186.125	0	18 RUN 8	1187 REL	REL	80#	0#	320:5	.27:35	
	186.112					80#	0#			
	186.098					80#	0#			
	186.086					80#	0#			
	186.074					80#	0#			
	185.930					80#	0#			
	185.786					80#	0#			
	185.642					80#	0#			
	185.498					80#	0#			
	185.354					80#	0#			
-----> TRAIN ENTERING 0.00 DEGREE CURVE										
0:11:30	186.177	0	19 RUN 8	1161 REL	REL	80#	0#	313:5	.25:41	
	186.164					80#	0#			
	186.150					80#	0#			
	186.138					80#	0#			
	186.126					80#	0#			
	185.982					80#	0#			
	185.838					80#	0#			
	185.694					80#	0#			
	185.550					80#	0#			
	185.406					80#	0#			
0:11:40	186.231	0	20 RUN 8	1132 REL	REL	80#	0#	307:5	.45:4	
	186.218					80#	0#			
	186.205					80#	0#			
	186.192					80#	0#			
	186.180					80#	0#			
	186.036					80#	0#			
	185.892					80#	0#			
	185.748					80#	0#			
	185.604					80#	0#			
	185.460					80#	0#			

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	BRAKES TRN IND PIPE CYL	SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRABBAR FORCES FORE	AFT	
0:11:50	186.287	0	20 RUN 8	470 REL REL	80# 0#	301:5 28:9	1	GM6C	0 KIPS	166 KIPS	0.00
	186.274				80# 0#		2	GM10B	166 KIPS	216 KIPS	0.00
	186.261				80# 0#		3	SD40	216 KIPS	258 KIPS	0.00
	186.248				80# 0#		4	SD40	258 KIPS	301 KIPS	0.00
	186.236				80# 0#		5	GONDOLA	301 KIPS	299 KIPS	0.00
	186.092				80# 0#		24	GONDOLA	250 KIPS	247 KIPS	0.08
	185.948				80# 0#		43	GONDOLA	198 KIPS	196 KIPS	0.08
	185.804				80# 0#		82	GONDOLA	149 KIPS	147 KIPS	0.02
	185.660				80# 0#		100	GONDOLA	116 KIPS	115 KIPS	0.07
	185.516				80# 0#			GONDOLA	71 KIPS	0 KIPS	0.07
0:11:51	186.292	0	20 RUN 8	618 REL REL	80# 0#	173:5 18:15	1	GM6C	0 KIPS	38 KIPS	0.00
	186.279				80# 0#		2	GM10B	38 KIPS	86 KIPS	0.00
	186.266				80# 0#		3	SD40	86 KIPS	129 KIPS	0.00
	186.254				80# 0#		4	SD40	129 KIPS	173 KIPS	0.00
	186.242				80# 0#		5	GONDOLA	173 KIPS	171 KIPS	0.00
	186.096				80# 0#		24	GONDOLA	159 KIPS	158 KIPS	0.08
	185.954				80# 0#		43	GONDOLA	132 KIPS	131 KIPS	0.08
	185.810				80# 0#		82	GONDOLA	115 KIPS	115 KIPS	0.08
	185.668				80# 0#		81	GONDOLA	102 KIPS	101 KIPS	0.07
	185.522				80# 0#		100	GONDOLA	52 KIPS	0 KIPS	0.07
0:11:52	186.298	0	20 RUN 8	727 REL REL	80# 0#	187:5 11:16	1	GM6C	0 KIPS	47 KIPS	0.00
	186.285				80# 0#		2	GM10B	47 KIPS	101 KIPS	0.00
	186.272				80# 0#		3	SD40	101 KIPS	144 KIPS	0.00
	186.259				80# 0#		4	SD40	144 KIPS	187 KIPS	0.00
	186.247				80# 0#		5	GONDOLA	187 KIPS	186 KIPS	0.00
	186.103				80# 0#		24	GONDOLA	166 KIPS	165 KIPS	0.08
	185.959				80# 0#		43	GONDOLA	138 KIPS	137 KIPS	0.08
	185.815				80# 0#		82	GONDOLA	108 KIPS	107 KIPS	0.08
	185.671				80# 0#		81	GONDOLA	90 KIPS	89 KIPS	0.07
	185.527				80# 0#		100	GONDOLA	38 KIPS	0 KIPS	0.07
-----> TRAIN ENTERING 0.96 % GRADE											
-----> TRAIN ENTERING 3.00 DEGREE CURVE											
0:12:0	186.343	0	21 RUN 8	1094 REL REL	80# 0#	284:5 24:21	1	GM6C	0 KIPS	80 KIPS	0.16
	186.330				80# 0#		2	GM10B	80 KIPS	208 KIPS	0.10
	186.317				80# 0#		3	SD40	208 KIPS	245 KIPS	0.03
	186.305				80# 0#		4	SD40	245 KIPS	284 KIPS	0.00
	186.293				80# 0#		5	GONDOLA	284 KIPS	282 KIPS	0.00
	186.149				80# 0#		24	GONDOLA	235 KIPS	233 KIPS	0.08
	186.005				80# 0#		43	GONDOLA	183 KIPS	181 KIPS	0.08
	185.861				80# 0#		82	GONDOLA	130 KIPS	127 KIPS	0.08
	185.717				80# 0#		81	GONDOLA	82 KIPS	81 KIPS	0.08
	185.573				80# 0#		100	GONDOLA	25 KIPS	0 KIPS	0.07

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:12:10	186.403	0	22	RUN	8	1058	REL	REL	80#	0#	0 KIPS	79 KIPS	0.13
	186.389								80#	0#	79 KIPS	207 KIPS	0.38
	186.376								80#	0#	207 KIPS	248 KIPS	0.48
	186.364								80#	0#	248 KIPS	284 KIPS	0.32
	186.352								80#	0#	284 KIPS	281 KIPS	0.32
	186.208								80#	0#	234 KIPS	232 KIPS	0.23
	186.084								80#	0#	180 KIPS	177 KIPS	0.08
	185.920								80#	0#	125 KIPS	122 KIPS	0.07
	185.778								80#	0#	74 KIPS	71 KIPS	0.00
	185.632								80#	0#	5 KIPS	0 KIPS	0.07
0:12:20	185.484	0	23	RUN	8	1024	REL	REL	80#	0#	0 KIPS	76 KIPS	0.10
	185.451								80#	0#	0 KIPS	204 KIPS	0.11
	185.438								80#	0#	204 KIPS	240 KIPS	0.12
	185.426								80#	0#	240 KIPS	276 KIPS	0.12
	185.413								80#	0#	276 KIPS	272 KIPS	0.10
	185.269								80#	0#	217 KIPS	215 KIPS	0.00
	185.125								80#	0#	184 KIPS	181 KIPS	0.08
	185.981								80#	0#	110 KIPS	107 KIPS	0.07
	185.838								80#	0#	56 KIPS	54 KIPS	0.08
	185.694								80#	0#	5 KIPS	0 KIPS	0.07
0:12:30	185.528	0	23	RUN	8	998	REL	REL	80#	0#	0 KIPS	73 KIPS	0.08
	185.515								80#	0#	73 KIPS	202 KIPS	0.11
	185.502								80#	0#	202 KIPS	238 KIPS	0.12
	185.489								80#	0#	238 KIPS	270 KIPS	0.12
	185.477								80#	0#	270 KIPS	266 KIPS	0.10
	185.333								80#	0#	202 KIPS	200 KIPS	0.12
	185.189								80#	0#	154 KIPS	152 KIPS	0.09
	185.045								80#	0#	102 KIPS	100 KIPS	0.07
	185.901								80#	0#	50 KIPS	47 KIPS	0.07
	185.757								80#	0#	2 KIPS	0 KIPS	0.00
0:12:40	185.593	0	24	RUN	8	972	REL	REL	80#	0#	0 KIPS	71 KIPS	0.08
	185.580								80#	0#	71 KIPS	200 KIPS	0.10
	185.567								80#	0#	200 KIPS	233 KIPS	0.12
	185.555								80#	0#	233 KIPS	268 KIPS	0.12
	185.542								80#	0#	268 KIPS	263 KIPS	0.10
	185.398								80#	0#	198 KIPS	192 KIPS	0.09
	185.255								80#	0#	148 KIPS	144 KIPS	0.00
	185.111								80#	0#	88 KIPS	96 KIPS	0.08
	185.967								80#	0#	49 KIPS	47 KIPS	0.07
	185.823								80#	0#	2 KIPS	0 KIPS	0.06

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	AFT	
0:12:50	186.660	0	24	RUN	8	954	REL	REL	80#	0#	0 KIPS	68 KIPS	0.09
	186.647								80#	0#	69 KIPS	198 KIPS	0.10
	186.634								80#	0#	198 KIPS	231 KIPS	0.12
	186.622								80#	0#	231 KIPS	264 KIPS	0.11
	186.608								80#	0#	264 KIPS	280 KIPS	0.10
	186.485								80#	0#	GONDOLA	193 KIPS	0.08
	186.321								80#	0#	GONDOLA	135 KIPS	0.01
	186.177								80#	0#	GONDOLA	92 KIPS	0.08
	186.034								80#	0#	GONDOLA	46 KIPS	0.07
	185.890								80#	0#	GONDOLA	0 KIPS	0.06
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0:13:0	186.728	0	24	RUN	8	948	REL	REL	80#	0#	0 KIPS	68 KIPS	0.11
	186.715								80#	0#	68 KIPS	198 KIPS	0.32
	186.702								80#	0#	198 KIPS	228 KIPS	0.46
	186.689								80#	0#	228 KIPS	262 KIPS	0.41
	186.677								80#	0#	262 KIPS	258 KIPS	0.23
	186.533								80#	0#	GONDOLA	193 KIPS	0.08
	186.389								80#	0#	GONDOLA	128 KIPS	0.10
	186.245								80#	0#	GONDOLA	87 KIPS	0.00
	186.101								80#	0#	GONDOLA	44 KIPS	0.07
	185.957								80#	0#	GONDOLA	0 KIPS	0.06
0:13:10	186.796	0	25	RUN	8	938	REL	REL	80#	0#	0 KIPS	68 KIPS	0.00
	186.783								80#	0#	68 KIPS	198 KIPS	0.00
	186.770								80#	0#	198 KIPS	230 KIPS	0.05
	186.758								80#	0#	230 KIPS	263 KIPS	0.21
	186.745								80#	0#	263 KIPS	260 KIPS	0.18
	186.601								80#	0#	GONDOLA	199 KIPS	0.08
	186.457								80#	0#	GONDOLA	137 KIPS	0.07
	186.313								80#	0#	GONDOLA	80 KIPS	0.00
	186.169								80#	0#	GONDOLA	42 KIPS	0.07
	186.025								80#	0#	GONDOLA	0 KIPS	0.06
0:13:20	186.855	0	25	RUN	8	930	REL	REL	80#	0#	0 KIPS	67 KIPS	0.00
	186.852								80#	0#	67 KIPS	197 KIPS	0.00
	186.839								80#	0#	197 KIPS	230 KIPS	0.00
	186.826								80#	0#	230 KIPS	262 KIPS	0.00
	186.814								80#	0#	262 KIPS	289 KIPS	0.00
	186.670								80#	0#	GONDOLA	203 KIPS	0.07
	186.526								80#	0#	GONDOLA	143 KIPS	0.07
	186.382								80#	0#	GONDOLA	83 KIPS	0.08
	186.238								80#	0#	GONDOLA	40 KIPS	0.00
	186.094								80#	0#	GONDOLA	0 KIPS	0.06

QCM E-D-96/5/

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS 8 924	SETTING REL REL	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	AFT	
0:13:30	186.924	0	25	RUN	8	924	REL	REL	80#	0#	0 KIPS	68 KIPS	0.00
	186.921								80#	0#	68 KIPS	197 KIPS	0.00
	186.908								80#	0#	197 KIPS	228 KIPS	0.00
	186.898								80#	0#	228 KIPS	259 KIPS	0.00
	186.883								80#	0#	259 KIPS	208 KIPS	0.10
	186.739								80#	0#	208 KIPS	148 KIPS	0.07
	186.596								80#	0#	148 KIPS	90 KIPS	0.07
	186.452								80#	0#	90 KIPS	36 KIPS	0.00
	186.308								80#	0#	36 KIPS	0 KIPS	0.08
	186.164								80#	0#	0 KIPS	68 KIPS	0.00
0:13:40	187.004	0	25	RUN	8	924	REL	REL	80#	0#	68 KIPS	197 KIPS	0.00
	186.991								80#	0#	197 KIPS	228 KIPS	0.00
	186.978								80#	0#	228 KIPS	259 KIPS	0.00
	186.965								80#	0#	259 KIPS	208 KIPS	0.00
	186.953								80#	0#	208 KIPS	158 KIPS	0.07
	186.809								80#	0#	158 KIPS	99 KIPS	0.08
	186.665								80#	0#	99 KIPS	42 KIPS	0.07
	186.521								80#	0#	42 KIPS	0 KIPS	0.08
	186.377								80#	0#	0 KIPS	68 KIPS	0.00
	186.233								80#	0#	68 KIPS	197 KIPS	0.00
0:13:50	187.073	0	25	RUN	8	924	REL	REL	80#	0#	197 KIPS	230 KIPS	0.00
	187.060								80#	0#	230 KIPS	263 KIPS	0.00
	187.047								80#	0#	263 KIPS	211 KIPS	0.00
	187.035								80#	0#	211 KIPS	162 KIPS	0.17
	187.023								80#	0#	162 KIPS	108 KIPS	0.08
	186.879								80#	0#	108 KIPS	54 KIPS	0.07
	186.735								80#	0#	54 KIPS	0 KIPS	0.00
	186.591								80#	0#	0 KIPS	68 KIPS	0.00
	186.447								80#	0#	68 KIPS	197 KIPS	0.00
	186.303								80#	0#	197 KIPS	230 KIPS	0.00
0:14: 0	187.143	0	25	RUN	8	925	REL	REL	80#	0#	230 KIPS	263 KIPS	0.00
	187.130								80#	0#	263 KIPS	211 KIPS	0.00
	187.117								80#	0#	211 KIPS	162 KIPS	0.00
	187.104								80#	0#	162 KIPS	110 KIPS	0.08
	187.092								80#	0#	110 KIPS	55 KIPS	0.07
	186.948								80#	0#	55 KIPS	0 KIPS	0.08
	186.804								80#	0#	0 KIPS	68 KIPS	0.00
	186.660								80#	0#	68 KIPS	197 KIPS	0.00
	186.516								80#	0#	197 KIPS	230 KIPS	0.00
	186.372								80#	0#	230 KIPS	263 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THLTL AMPS TRN INO PIPE	SETTING REL	BRAKES REL	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	AFT	
0:14:9	187.205	0	25	RUN 8	927	REL	80# 0# 283:5 .11:84	1	GM6C	0 KIPS	68 KIPS	0.00
	187.192						80# 0#	2	GM10B	68 KIPS	197 KIPS	0.00
	187.178						80# 0#	3	SD40	197 KIPS	230 KIPS	0.00
	187.167						80# 0#	4	SD40	230 KIPS	283 KIPS	0.00
	187.154						80# 0#	5	GONDOLA	283 KIPS	280 KIPS	0.00
	187.011						80# 0#	24	GONDOLA	213 KIPS	211 KIPS	0.00
	186.867						80# 0#	43	GONDOLA	184 KIPS	181 KIPS	0.00
	186.723						80# 0#	82	GONDOLA	114 KIPS	111 KIPS	0.10
	186.579						80# 0#	81	GONDOLA	59 KIPS	56 KIPS	0.07
	186.435						80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.08
-----> RUN 8												
0:14:10	187.212	0	25	RUN 8	912	REL	80# 0# 282:5 .07:84	1	GM6C	0 KIPS	68 KIPS	0.00
	187.199						80# 0#	2	GM10B	68 KIPS	198 KIPS	0.00
	187.186						80# 0#	3	SD40	198 KIPS	229 KIPS	0.00
	187.174						80# 0#	4	SD40	229 KIPS	282 KIPS	0.00
	187.161						80# 0#	5	GONDOLA	282 KIPS	259 KIPS	0.00
	187.017						80# 0#	24	GONDOLA	212 KIPS	209 KIPS	0.00
	186.874						80# 0#	43	GONDOLA	182 KIPS	180 KIPS	0.00
	186.730						80# 0#	82	GONDOLA	112 KIPS	110 KIPS	0.00
	186.586						80# 0#	81	GONDOLA	58 KIPS	55 KIPS	0.07
	186.442						80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.08
0:14:11	187.218	0	25	RUN 8	912	REL	80# 0# 258:5 .07:83	1	GM6C	0 KIPS	67 KIPS	0.00
	187.206						80# 0#	2	GM10B	67 KIPS	192 KIPS	0.00
	187.193						80# 0#	3	SD40	192 KIPS	225 KIPS	0.00
	187.181						80# 0#	4	SD40	225 KIPS	258 KIPS	0.00
	187.168						80# 0#	5	GONDOLA	258 KIPS	256 KIPS	0.00
	187.024						80# 0#	24	GONDOLA	209 KIPS	208 KIPS	0.00
	186.880						80# 0#	43	GONDOLA	159 KIPS	158 KIPS	0.00
	186.737						80# 0#	82	GONDOLA	109 KIPS	107 KIPS	0.00
	186.593						80# 0#	81	GONDOLA	57 KIPS	54 KIPS	0.07
	186.448						80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.08
-----> TRAIN ENTERING 3.00 DEGREE CURVE												
0:14:20	187.281	0	25	RUN 8	915	REL	80# 0# 250:5 .13:1	1	GM6C	0 KIPS	67 KIPS	0.13
	187.268						80# 0#	2	GM10B	67 KIPS	184 KIPS	0.09
	187.255						80# 0#	3	SD40	184 KIPS	217 KIPS	0.00
	187.243						80# 0#	4	SD40	217 KIPS	250 KIPS	0.00
	187.230						80# 0#	5	GONDOLA	250 KIPS	247 KIPS	0.00
	187.086						80# 0#	24	GONDOLA	200 KIPS	197 KIPS	0.00
	186.942						80# 0#	43	GONDOLA	150 KIPS	147 KIPS	0.00
	186.798						80# 0#	82	GONDOLA	103 KIPS	100 KIPS	0.00
	186.654						80# 0#	81	GONDOLA	53 KIPS	51 KIPS	0.07
	186.510						80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.08

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:14:30	187.349	0	24	RUN 6	921	REL	80# 0# 223:5 .27:5	1	GM6C	0 KIPS	67 KIPS	0.09
	187.338						80# 0#	2	GM10B	67 KIPS	155 KIPS	0.22
	187.323						80# 0#	3	SD40	155 KIPS	189 KIPS	0.18
	187.310						80# 0#	4	SD40	189 KIPS	223 KIPS	0.17
	187.298						80# 0#	5	SD40	223 KIPS	220 KIPS	0.27
	187.154						80# 0#	24	GONDOLA	180 KIPS	178 KIPS	0.00
	187.010						80# 0#	43	GONDOLA	137 KIPS	135 KIPS	0.00
	186.868						80# 0#	62	GONDOLA	95 KIPS	92 KIPS	0.00
	186.722						80# 0#	81	GONDOLA	51 KIPS	48 KIPS	0.07
	186.578						80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.06
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
0:14:40	187.415	0	24	RUN 6	928	REL	80# 0# 225:5 .17:9	1	GM6C	0 KIPS	68 KIPS	0.09
	187.402						80# 0#	2	GM10B	68 KIPS	158 KIPS	0.13
	187.389						80# 0#	3	SD40	158 KIPS	190 KIPS	0.14
	187.377						80# 0#	4	SD40	190 KIPS	225 KIPS	0.11
	187.365						80# 0#	5	SD40	225 KIPS	222 KIPS	0.09
	187.221						80# 0#	24	GONDOLA	178 KIPS	178 KIPS	0.00
	187.077						80# 0#	43	GONDOLA	135 KIPS	133 KIPS	0.00
	186.933						80# 0#	62	GONDOLA	93 KIPS	90 KIPS	0.00
	186.789						80# 0#	81	GONDOLA	50 KIPS	47 KIPS	0.00
	186.645						80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.06
0:14:50	187.481	0	23	RUN 6	932	REL	80# 0# 227:5 .34:4	1	GM6C	0 KIPS	70 KIPS	0.00
	187.468						80# 0#	2	GM10B	70 KIPS	159 KIPS	0.25
	187.455						80# 0#	3	SD40	159 KIPS	193 KIPS	0.33
	187.443						80# 0#	4	SD40	193 KIPS	227 KIPS	0.34
	187.430						80# 0#	5	SD40	227 KIPS	225 KIPS	0.25
	187.287						80# 0#	24	GONDOLA	178 KIPS	176 KIPS	0.11
	187.143						80# 0#	43	GONDOLA	134 KIPS	132 KIPS	0.00
	186.998						80# 0#	62	GONDOLA	91 KIPS	89 KIPS	0.00
	186.855						80# 0#	81	GONDOLA	47 KIPS	45 KIPS	0.00
	186.711						80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.06
-----> TRAIN ENTERING 0.00 % GRADE												
0:14:51	187.488	0	23	RUN 6	932	REL	80# 0# 228:5 .10:11	1	GM6C	0 KIPS	72 KIPS	0.00
	187.475						80# 0#	2	GM10B	72 KIPS	160 KIPS	0.00
	187.462						80# 0#	3	SD40	160 KIPS	196 KIPS	0.00
	187.449						80# 0#	4	SD40	196 KIPS	228 KIPS	0.00
	187.437						80# 0#	5	SD40	228 KIPS	225 KIPS	0.00
	187.293						80# 0#	24	GONDOLA	181 KIPS	179 KIPS	0.08
	187.149						80# 0#	43	GONDOLA	136 KIPS	134 KIPS	0.00
	187.005						80# 0#	62	GONDOLA	92 KIPS	89 KIPS	0.00
	186.861						80# 0#	81	GONDOLA	47 KIPS	45 KIPS	0.00
	186.717						80# 0#	100	GONDOLA	2 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 4.50 DEGREE CURVE												
-----> TRAIN ENTERING 0.85 % GRADE												

STATION TIME	MP	SPEED LMT RUN	THRTLE AMP'S	SETTING TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRABBAR FORCES FORE	AFT	
0:15:0	187.548	0	23	RUN	8	935 REL REL	80#	0#	0 KIPS	72 KIPS	0.20
	187.533						80#	0#	72 KIPS	184 KIPS	0.30
	187.520						80#	0#	164 KIPS	202 KIPS	0.40
	187.508						80#	0#	202 KIPS	238 KIPS	0.35
	187.495						80#	0#	238 KIPS	237 KIPS	0.28
	187.381						80#	0#	GONDOLA	189 KIPS	0.08
	187.207						80#	0#	192 KIPS	140 KIPS	0.00
	187.063						80#	0#	142 KIPS	93 KIPS	0.00
	186.920						80#	0#	98 KIPS	47 KIPS	0.00
	186.778						80#	0#	49 KIPS	0 KIPS	0.00
0:15:10	187.610	0	23	RUN	8	938 REL REL	80#	0#	0 KIPS	69 KIPS	0.15
	187.597						80#	0#	69 KIPS	159 KIPS	0.18
	187.584						80#	0#	159 KIPS	195 KIPS	0.18
	187.572						80#	0#	195 KIPS	234 KIPS	0.18
	187.560						80#	0#	234 KIPS	234 KIPS	0.13
	187.416						80#	0#	GONDOLA	184 KIPS	0.20
	187.272						80#	0#	187 KIPS	142 KIPS	0.08
	187.128						80#	0#	144 KIPS	95 KIPS	0.00
	186.984						80#	0#	97 KIPS	47 KIPS	0.00
	186.840						80#	0#	50 KIPS	0 KIPS	0.00
0:15:20	187.874	0	23	RUN	8	940 REL REL	80#	0#	2 KIPS	70 KIPS	0.15
	187.861						80#	0#	0 KIPS	159 KIPS	0.18
	187.848						80#	0#	70 KIPS	195 KIPS	0.18
	187.836						80#	0#	195 KIPS	231 KIPS	0.18
	187.823						80#	0#	231 KIPS	229 KIPS	0.13
	187.480						80#	0#	GONDOLA	197 KIPS	0.00
	187.336						80#	0#	200 KIPS	148 KIPS	0.08
	187.192						80#	0#	148 KIPS	98 KIPS	0.00
	187.048						80#	0#	99 KIPS	48 KIPS	0.00
	186.904						80#	0#	51 KIPS	0 KIPS	0.00
0:15:30	187.738	0	23	RUN	8	942 REL REL	80#	0#	3 KIPS	70 KIPS	0.15
	187.725						80#	0#	0 KIPS	159 KIPS	0.18
	187.712						80#	0#	70 KIPS	195 KIPS	0.18
	187.699						80#	0#	195 KIPS	232 KIPS	0.18
	187.687						80#	0#	232 KIPS	229 KIPS	0.13
	187.543						80#	0#	GONDOLA	197 KIPS	0.00
	187.399						80#	0#	198 KIPS	151 KIPS	0.08
	187.255						80#	0#	154 KIPS	97 KIPS	0.00
	187.111						80#	0#	100 KIPS	48 KIPS	0.00
	186.967						80#	0#	51 KIPS	0 KIPS	0.00

-----> TRAIN ENTERING 0.00 DEGREE CURVE

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STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:15:40	187.801	0	23	RUN 8	943	REL REL	80# 0# 233:5 .25:31	1	GM6C	0 KIPS	70 KIPS	0.15
	187.788						80# 0#	2	GM10B	70 KIPS	160 KIPS	0.18
	187.775						80# 0#	3	SD40	180 KIPS	197 KIPS	0.19
	187.763						80# 0#	4	SD40	197 KIPS	233 KIPS	0.18
	187.750						80# 0#	5	GONDOLA	233 KIPS	231 KIPS	0.13
	187.806						80# 0#	24	GONDOLA	191 KIPS	188 KIPS	0.12
	187.862						80# 0#	43	GONDOLA	158 KIPS	154 KIPS	0.01
	187.318						80# 0#	62	GONDOLA	104 KIPS	101 KIPS	0.09
	187.174						80# 0#	81	GONDOLA	52 KIPS	49 KIPS	0.00
	187.031						80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.00
0:15:50	187.884	0	23	RUN 8	943	REL REL	80# 0# 235:5 .34:4	1	GM6C	0 KIPS	70 KIPS	0.00
	187.851						80# 0#	2	GM10B	70 KIPS	160 KIPS	0.08
	187.838						80# 0#	3	SD40	160 KIPS	187 KIPS	0.15
	187.826						80# 0#	4	SD40	197 KIPS	235 KIPS	0.34
	187.813						80# 0#	5	SD40	235 KIPS	233 KIPS	0.25
	187.869						80# 0#	24	GONDOLA	193 KIPS	190 KIPS	0.12
	187.525						80# 0#	43	GONDOLA	157 KIPS	155 KIPS	0.13
	187.382						80# 0#	62	GONDOLA	109 KIPS	108 KIPS	0.07
	187.238						80# 0#	81	GONDOLA	54 KIPS	51 KIPS	0.00
	187.094						80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.00
0:16:0	187.927	0	23	RUN 8	943	REL REL	80# 0# 234:5 .17:50	1	GM6C	0 KIPS	70 KIPS	0.00
	187.914						80# 0#	2	GM10B	70 KIPS	160 KIPS	0.00
	187.801						80# 0#	3	SD40	160 KIPS	197 KIPS	0.00
	187.889						80# 0#	4	SD40	197 KIPS	234 KIPS	0.00
	187.878						80# 0#	5	SD40	234 KIPS	232 KIPS	0.00
	187.733						80# 0#	24	GONDOLA	195 KIPS	192 KIPS	0.12
	187.589						80# 0#	43	GONDOLA	150 KIPS	147 KIPS	0.12
	187.445						80# 0#	62	GONDOLA	112 KIPS	108 KIPS	0.09
	187.301						80# 0#	81	GONDOLA	56 KIPS	53 KIPS	0.07
	187.157						80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 4.00 DEGREE CURVE												
0:16:10	187.991	0	23	RUN 8	942	REL REL	80# 0# 234:5 .17:1	1	GM6C	0 KIPS	70 KIPS	0.17
	187.978						80# 0#	2	GM10B	70 KIPS	160 KIPS	0.10
	187.964						80# 0#	3	SD40	160 KIPS	197 KIPS	0.00
	187.952						80# 0#	4	SD40	197 KIPS	234 KIPS	0.00
	187.940						80# 0#	5	SD40	234 KIPS	232 KIPS	0.00
	187.798						80# 0#	24	GONDOLA	196 KIPS	194 KIPS	0.13
	187.652						80# 0#	43	GONDOLA	150 KIPS	148 KIPS	0.12
	187.508						80# 0#	62	GONDOLA	113 KIPS	111 KIPS	0.12
	187.364						80# 0#	81	GONDOLA	60 KIPS	57 KIPS	0.07
	187.220						80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.85 % GRADE												

STATION TIME	MP	SPEED LMT RUN	TH1LE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:16:20	188.054	0	23	RUN	8	940	REL	REL	80#	0#	0#	0#	0.19
	188.041								80#	0#	0#	0#	0.30
	188.028								80#	0#	0#	0#	0.39
	188.016								80#	0#	0#	0#	0.33
	188.003								80#	0#	0#	0#	0.28
	187.959								80#	0#	0#	0#	0.00
	187.716								80#	0#	0#	0#	0.12
	187.572								80#	0#	0#	0#	0.11
	187.428								80#	0#	0#	0#	0.08
	187.284								80#	0#	0#	0#	0.08
0:16:30	188.118	0	23	RUN	6	938	REL	REL	80#	0#	0#	0#	0.13
	188.105								80#	0#	0#	0#	0.15
	188.092								80#	0#	0#	0#	0.15
	188.080								80#	0#	0#	0#	0.15
	188.067								80#	0#	0#	0#	0.11
	187.923								80#	0#	0#	0#	0.00
	187.779								80#	0#	0#	0#	0.13
	187.636								80#	0#	0#	0#	0.11
	187.492								80#	0#	0#	0#	0.08
	187.348								80#	0#	0#	0#	0.13
0:16:40	188.182	0	23	RUN	6	936	REL	REL	80#	0#	0#	0#	0.14
	188.169								80#	0#	0#	0#	0.15
	188.156								80#	0#	0#	0#	0.15
	188.144								80#	0#	0#	0#	0.11
	188.132								80#	0#	0#	0#	0.24
	187.988								80#	0#	0#	0#	0.03
	187.844								80#	0#	0#	0#	0.11
	187.700								80#	0#	0#	0#	0.08
	187.556								80#	0#	0#	0#	0.13
	187.412								80#	0#	0#	0#	0.15
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0:16:50	188.247	0	23	RUN	6	934	REL	REL	80#	0#	0#	0#	0.13
	188.234								80#	0#	0#	0#	0.15
	188.221								80#	0#	0#	0#	0.20
	188.208								80#	0#	0#	0#	0.15
	188.196								80#	0#	0#	0#	0.11
	188.052								80#	0#	0#	0#	0.16
	187.908								80#	0#	0#	0#	0.00
	187.765								80#	0#	0#	0#	0.11
	187.621								80#	0#	0#	0#	0.11
	187.477								80#	0#	0#	0#	0.00

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STATION TIME	MP	SPEED LMT RUN	THLTL AMP TRN INO PIPE CYL	SETTING REL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRAWBAR FORCES AFT	DRAWBAR FORCES FORE	
0:17:0	188.312	0	23 RUN 6	932 REL REL	80# 0# 227:5 .38:4	1	GM6C	88 KIPS	0 KIPS	0.00
	188.298				80# 0#	2	GM10B	157 KIPS	88 KIPS	0.28
	188.286				80# 0#	3	SD40	192 KIPS	157 KIPS	0.38
	188.274				80# 0#	4	SD40	227 KIPS	192 KIPS	0.38
	188.261				80# 0#	5	GONDOLA	228 KIPS	227 KIPS	0.28
	188.117				80# 0#	24	GONDOLA	172 KIPS	175 KIPS	0.11
	187.974				80# 0#	43	GONDOLA	125 KIPS	127 KIPS	0.02
	187.830				80# 0#	62	GONDOLA	89 KIPS	91 KIPS	0.14
	187.686				80# 0#	81	GONDOLA	45 KIPS	48 KIPS	0.11
	187.542				80# 0#	100	GONDOLA	0 KIPS	2 KIPS	0.10
0:17:10	188.377	0	24 RUN 6	932 REL REL	80# 0# 227:5 .16:42	1	GM6C	88 KIPS	0 KIPS	0.00
	188.364				80# 0#	2	GM10B	157 KIPS	88 KIPS	0.00
	188.351				80# 0#	3	SD40	192 KIPS	157 KIPS	0.00
	188.339				80# 0#	4	SD40	227 KIPS	192 KIPS	0.00
	188.327				80# 0#	5	GONDOLA	225 KIPS	227 KIPS	0.00
	188.183				80# 0#	24	GONDOLA	176 KIPS	178 KIPS	0.11
	188.039				80# 0#	43	GONDOLA	124 KIPS	126 KIPS	0.11
	187.895				80# 0#	62	GONDOLA	87 KIPS	89 KIPS	0.00
	187.751				80# 0#	81	GONDOLA	45 KIPS	47 KIPS	0.11
	187.607				80# 0#	100	GONDOLA	0 KIPS	2 KIPS	0.10
0:17:20	188.443	0	24 RUN 6	931 REL REL	80# 0# 227:5 .23:19	1	GM6C	88 KIPS	0 KIPS	0.00
	188.430				80# 0#	2	GM10B	157 KIPS	88 KIPS	0.00
	188.417				80# 0#	3	SD40	192 KIPS	157 KIPS	0.00
	188.404				80# 0#	4	SD40	227 KIPS	192 KIPS	0.00
	188.392				80# 0#	5	GONDOLA	224 KIPS	227 KIPS	0.00
	188.248				80# 0#	24	GONDOLA	178 KIPS	181 KIPS	0.11
	188.104				80# 0#	43	GONDOLA	128 KIPS	129 KIPS	0.10
	187.960				80# 0#	62	GONDOLA	83 KIPS	85 KIPS	0.00
	187.816				80# 0#	81	GONDOLA	45 KIPS	47 KIPS	0.11
	187.672				80# 0#	100	GONDOLA	0 KIPS	2 KIPS	0.10
0:17:30	188.508	0	24 RUN 6	930 REL REL	80# 0# 227:5 .20:31	1	GM6C	88 KIPS	0 KIPS	0.00
	188.495				80# 0#	2	GM10B	157 KIPS	88 KIPS	0.00
	188.482				80# 0#	3	SD40	192 KIPS	157 KIPS	0.00
	188.470				80# 0#	4	SD40	227 KIPS	192 KIPS	0.00
	188.458				80# 0#	5	GONDOLA	224 KIPS	227 KIPS	0.00
	188.314				80# 0#	24	GONDOLA	178 KIPS	181 KIPS	0.00
	188.170				80# 0#	43	GONDOLA	129 KIPS	132 KIPS	0.10
	188.028				80# 0#	62	GONDOLA	79 KIPS	81 KIPS	0.10
	187.882				80# 0#	81	GONDOLA	43 KIPS	45 KIPS	0.00
	187.738				80# 0#	100	GONDOLA	0 KIPS	2 KIPS	0.10

-----> TRAIN ENTERING 4.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THLTL AMP TRN IND	AMPS 930 REL	REL	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											FORWARD FORCES	AFT	
0:17:40	188.574	0	24 RUN	6	930 REL	REL	80#	0#	228:5	.39:3	0 KIPS	68 KIPS	0.19
	188.561						80#	0#			68 KIPS	157 KIPS	0.29
	188.548						80#	0#			157 KIPS	191 KIPS	0.39
	188.535						80#	0#			191 KIPS	228 KIPS	0.23
	188.523						80#	0#			228 KIPS	224 KIPS	0.14
	188.379						80#	0#			181 KIPS	178 KIPS	0.00
	188.235						80#	0#			135 KIPS	132 KIPS	0.12
	188.091						80#	0#			82 KIPS	80 KIPS	0.10
	187.947						80#	0#			41 KIPS	39 KIPS	0.00
	187.803						80#	0#			2 KIPS	0 KIPS	0.10
0:17:50	188.639	0	24 RUN	6	930 REL	REL	80#	0#	228:5	.31:4	0 KIPS	68 KIPS	0.13
	188.626						80#	0#			68 KIPS	156 KIPS	0.14
	188.613						80#	0#			156 KIPS	190 KIPS	0.15
	188.601						80#	0#			190 KIPS	225 KIPS	0.31
	188.589						80#	0#			225 KIPS	222 KIPS	0.28
	188.445						80#	0#			178 KIPS	177 KIPS	0.00
	188.301						80#	0#			135 KIPS	132 KIPS	0.00
	188.157						80#	0#			87 KIPS	84 KIPS	0.10
	188.013						80#	0#			38 KIPS	36 KIPS	0.10
	187.869						80#	0#			2 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.71 % GRADE													
0:18:0	188.705	0	24 RUN	6	931 REL	REL	80#	0#	228:5	.28:18	0 KIPS	69 KIPS	0.13
	188.692						80#	0#			69 KIPS	157 KIPS	0.14
	188.679						80#	0#			157 KIPS	192 KIPS	0.15
	188.667						80#	0#			192 KIPS	228 KIPS	0.15
	188.654						80#	0#			228 KIPS	225 KIPS	0.11
	188.510						80#	0#			178 KIPS	176 KIPS	0.00
	188.366						80#	0#			136 KIPS	134 KIPS	0.00
	188.222						80#	0#			93 KIPS	90 KIPS	0.11
	188.078						80#	0#			43 KIPS	40 KIPS	0.10
	187.935						80#	0#			2 KIPS	0 KIPS	0.00
0:18:10	188.770	0	23 RUN	6	933 REL	REL	80#	0#	228:5	.24:23	0 KIPS	69 KIPS	0.13
	188.757						80#	0#			69 KIPS	157 KIPS	0.14
	188.744						80#	0#			157 KIPS	193 KIPS	0.15
	188.732						80#	0#			193 KIPS	228 KIPS	0.15
	188.719						80#	0#			228 KIPS	226 KIPS	0.11
	188.575						80#	0#			182 KIPS	179 KIPS	0.24
	188.432						80#	0#			137 KIPS	135 KIPS	0.00
	188.288						80#	0#			95 KIPS	93 KIPS	0.10
	188.144						80#	0#			48 KIPS	47 KIPS	0.10
	188.000						80#	0#			2 KIPS	0 KIPS	0.09

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRUMBAR FORCES FORE	AFT	
0:18:20	188.835	0	23	RUN	6	935	REL	REL	80#	0#	0#	0#
	188.832								80#	0#	0#	0#
	188.809								80#	0#	0#	0#
	188.797								80#	0#	0#	0#
	188.784								80#	0#	0#	0#
	188.640								80#	0#	0#	0#
	188.498								80#	0#	0#	0#
	188.352								80#	0#	0#	0#
	188.208								80#	0#	0#	0#
	188.065								80#	0#	0#	0#
0:18:30	188.899	0	23	RUN	6	937	REL	REL	80#	0#	0#	0#
	188.886								80#	0#	0#	0#
	188.873								80#	0#	0#	0#
	188.861								80#	0#	0#	0#
	188.849								80#	0#	0#	0#
	188.705								80#	0#	0#	0#
	188.561								80#	0#	0#	0#
	188.417								80#	0#	0#	0#
	188.273								80#	0#	0#	0#
	188.129								80#	0#	0#	0#
0:18:40	188.884	0	23	RUN	6	938	REL	REL	80#	0#	0#	0#
	188.951								80#	0#	0#	0#
	188.938								80#	0#	0#	0#
	188.925								80#	0#	0#	0#
	188.913								80#	0#	0#	0#
	188.769								80#	0#	0#	0#
	188.625								80#	0#	0#	0#
	188.481								80#	0#	0#	0#
	188.337								80#	0#	0#	0#
	188.193								80#	0#	0#	0#
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
0:18:50	189.028	0	23	RUN	6	938	REL	REL	80#	0#	0#	0#
	189.015								80#	0#	0#	0#
	189.002								80#	0#	0#	0#
	188.989								80#	0#	0#	0#
	188.977								80#	0#	0#	0#
	188.833								80#	0#	0#	0#
	188.689								80#	0#	0#	0#
	188.545								80#	0#	0#	0#
	188.401								80#	0#	0#	0#
	188.257								80#	0#	0#	0#

STATION TIME	MP	SPEED LMT RUN	THLTL AMP'S TRN IND PIPE	BRAKES SETTING PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
								FORE	AFT	
0:19:0	188.092	0	23 RUN 6	939 REL REL	80# 0# 232:5 .24:10	1	GM6C	0 KIPS	70 KIPS	0.00
	189.079				80# 0#	2	GM10B	70 KIPS	159 KIPS	0.00
	189.066				80# 0#	3	SD40	159 KIPS	185 KIPS	0.00
	189.053				80# 0#	4	SD40	195 KIPS	232 KIPS	0.00
	189.041				80# 0#	5	GONDOLA	232 KIPS	230 KIPS	0.04
	188.897				80# 0#	24	GONDOLA	190 KIPS	187 KIPS	0.11
	188.753				80# 0#	43	GONDOLA	144 KIPS	142 KIPS	0.10
	188.609				80# 0#	82	GONDOLA	98 KIPS	94 KIPS	0.10
	188.485				80# 0#	81	GONDOLA	47 KIPS	45 KIPS	0.00
	188.321				80# 0#	100	GONDOLA	2 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 4.00 DEGREE CURVE										
0:19:10	189.156	0	23 RUN 6	938 REL REL	80# 0# 232:5 .23:21	1	GM6C	0 KIPS	70 KIPS	0.15
	189.143				80# 0#	2	GM10B	70 KIPS	159 KIPS	0.12
	189.130				80# 0#	3	SD40	159 KIPS	185 KIPS	0.04
	189.117				80# 0#	4	SD40	195 KIPS	232 KIPS	0.00
	189.105				80# 0#	5	GONDOLA	232 KIPS	230 KIPS	0.00
	188.961				80# 0#	24	GONDOLA	192 KIPS	189 KIPS	0.11
	188.817				80# 0#	43	GONDOLA	146 KIPS	143 KIPS	0.10
	188.673				80# 0#	62	GONDOLA	100 KIPS	97 KIPS	0.10
	188.529				80# 0#	81	GONDOLA	48 KIPS	45 KIPS	0.10
	188.385				80# 0#	100	GONDOLA	2 KIPS	0 KIPS	0.00
0:19:20	189.220	0	23 RUN 6	938 REL REL	80# 0# 231:5 .38:3	1	GM6C	0 KIPS	69 KIPS	0.14
	189.207				80# 0#	2	GM10B	69 KIPS	158 KIPS	0.30
	189.194				80# 0#	3	SD40	158 KIPS	194 KIPS	0.38
	189.181				80# 0#	4	SD40	194 KIPS	231 KIPS	0.15
	189.169				80# 0#	5	GONDOLA	231 KIPS	229 KIPS	0.21
	189.025				80# 0#	24	GONDOLA	192 KIPS	189 KIPS	0.14
	188.881				80# 0#	43	GONDOLA	146 KIPS	143 KIPS	0.10
	188.737				80# 0#	62	GONDOLA	100 KIPS	98 KIPS	0.10
	188.593				80# 0#	81	GONDOLA	51 KIPS	48 KIPS	0.10
	188.449				80# 0#	100	GONDOLA	2 KIPS	0 KIPS	0.00
0:19:30	189.284	0	23 RUN 6	938 REL REL	80# 0# 229:5 .27:12	1	GM6C	0 KIPS	69 KIPS	0.13
	189.271				80# 0#	2	GM10B	69 KIPS	158 KIPS	0.13
	189.258				80# 0#	3	SD40	158 KIPS	193 KIPS	0.15
	189.246				80# 0#	4	SD40	193 KIPS	229 KIPS	0.15
	189.233				80# 0#	5	GONDOLA	229 KIPS	227 KIPS	0.11
	189.089				80# 0#	24	GONDOLA	189 KIPS	187 KIPS	0.00
	188.945				80# 0#	43	GONDOLA	146 KIPS	144 KIPS	0.10
	188.801				80# 0#	62	GONDOLA	100 KIPS	98 KIPS	0.10
	188.658				80# 0#	81	GONDOLA	54 KIPS	51 KIPS	0.10
	188.514				80# 0#	100	GONDOLA	2 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 1.07 % GRADE										

STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S	SETTING TRN INO PIPE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRAWBAR FORCES FORE	DRAWBAR FORCES AFT	
0:19:40	189.348	0	23 RUN 6	938 REL	REL	80# 0# 228:5 .26:17	1	GM6C	0 KIPS	88 KIPS	0.13
	189.335					80# 0#	2	GM10B	68 KIPS	157 KIPS	0.13
	189.322					80# 0#	3	SD40	157 KIPS	192 KIPS	0.15
	189.310					80# 0#	4	SD40	192 KIPS	228 KIPS	0.15
	189.297					80# 0#	5	GONDOLA	228 KIPS	226 KIPS	0.11
	189.153					80# 0#	24	GONDOLA	185 KIPS	183 KIPS	0.11
	189.010					80# 0#	43	GONDOLA	145 KIPS	143 KIPS	0.15
	188.866					80# 0#	62	GONDOLA	100 KIPS	97 KIPS	0.10
	188.722					80# 0#	81	GONDOLA	54 KIPS	52 KIPS	0.10
	188.578					80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.09
0:19:50	189.412	0	23 RUN 6	939 REL	REL	80# 0# 224:5 .15:4	1	GM6C	0 KIPS	88 KIPS	0.13
	189.399					80# 0#	2	GM10B	68 KIPS	155 KIPS	0.13
	189.386					80# 0#	3	SD40	155 KIPS	190 KIPS	0.15
	189.374					80# 0#	4	SD40	190 KIPS	224 KIPS	0.15
	189.361					80# 0#	5	GONDOLA	224 KIPS	221 KIPS	0.11
	189.218					80# 0#	24	GONDOLA	176 KIPS	174 KIPS	0.10
	189.074					80# 0#	43	GONDOLA	138 KIPS	136 KIPS	0.00
	188.930					80# 0#	62	GONDOLA	98 KIPS	93 KIPS	0.10
	188.786					80# 0#	81	GONDOLA	51 KIPS	49 KIPS	0.10
	188.642					80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.09
0:20:0	189.476	0	23 RUN 6	940 REL	REL	80# 0# 225:5 .15:4	1	GM6C	0 KIPS	88 KIPS	0.13
	189.463					80# 0#	2	GM10B	68 KIPS	166 KIPS	0.13
	189.450					80# 0#	3	SD40	158 KIPS	190 KIPS	0.15
	189.438					80# 0#	4	SD40	190 KIPS	225 KIPS	0.15
	189.425					80# 0#	5	GONDOLA	225 KIPS	222 KIPS	0.11
	189.281					80# 0#	24	GONDOLA	170 KIPS	168 KIPS	0.10
	189.137					80# 0#	43	GONDOLA	129 KIPS	127 KIPS	0.05
	188.993					80# 0#	62	GONDOLA	91 KIPS	89 KIPS	0.11
	188.850					80# 0#	81	GONDOLA	47 KIPS	45 KIPS	0.10
	188.708					80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.09
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
0:20:10	189.540	0	23 RUN 6	942 REL	REL	80# 0# 227:5 .15:4	1	GM6C	0 KIPS	89 KIPS	0.13
	189.527					80# 0#	2	GM10B	69 KIPS	157 KIPS	0.15
	189.513					80# 0#	3	SD40	157 KIPS	192 KIPS	0.15
	189.501					80# 0#	4	SD40	192 KIPS	227 KIPS	0.15
	189.489					80# 0#	5	GONDOLA	227 KIPS	224 KIPS	0.11
	189.345					80# 0#	24	GONDOLA	168 KIPS	165 KIPS	0.10
	189.201					80# 0#	43	GONDOLA	122 KIPS	120 KIPS	0.13
	189.057					80# 0#	62	GONDOLA	86 KIPS	85 KIPS	0.00
	188.913					80# 0#	81	GONDOLA	45 KIPS	43 KIPS	0.10
	188.769					80# 0#	100	GONDOLA	2 KIPS	0 KIPS	0.09

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS 845	REL	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	AFT	
0:20:20	189.803	0	23	845	REL	80#	0#	230:5 .30:4	1	GMSC	0 KIPS	69 KIPS	0.00
	189.889					80#	0#		2	GM10B	69 KIPS	158 KIPS	0.11
	189.876					80#	0#		3	SD40	158 KIPS	194 KIPS	0.18
	189.564					80#	0#		4	SD40	184 KIPS	230 KIPS	0.30
	189.552					80#	0#		5	GONDOLA	230 KIPS	227 KIPS	0.28
	189.408					80#	0#		24	GONDOLA	173 KIPS	170 KIPS	0.10
	189.284					80#	0#		43	GONDOLA	118 KIPS	116 KIPS	0.10
	189.120					80#	0#		82	GONDOLA	81 KIPS	79 KIPS	0.00
	188.976					80#	0#		81	GONDOLA	44 KIPS	41 KIPS	0.11
	188.832					80#	0#		100	GONDOLA	2 KIPS	0 KIPS	0.09
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
0:20:30	189.865	0	22	848	REL	80#	0#	231:5 .23:14	1	GMSC	0 KIPS	69 KIPS	0.15
	189.852					80#	0#		2	GM10B	69 KIPS	158 KIPS	0.12
	189.639					80#	0#		3	SD40	158 KIPS	185 KIPS	0.04
	189.626					80#	0#		4	SD40	231 KIPS	228 KIPS	0.00
	189.614					80#	0#		5	GONDOLA	178 KIPS	175 KIPS	0.00
	189.470					80#	0#		24	GONDOLA	120 KIPS	117 KIPS	0.10
	189.326					80#	0#		43	GONDOLA	76 KIPS	74 KIPS	0.11
	189.182					80#	0#		82	GONDOLA	43 KIPS	41 KIPS	0.09
	189.038					80#	0#		100	GONDOLA	2 KIPS	0 KIPS	0.09
0:20:40	188.894	0	22	852	REL	80#	0#	231:5 .38:3	1	GMSC	0 KIPS	69 KIPS	0.14
	189.727					80#	0#		2	GM10B	69 KIPS	158 KIPS	0.30
	189.714					80#	0#		3	SD40	158 KIPS	195 KIPS	0.38
	189.701					80#	0#		4	SD40	231 KIPS	228 KIPS	0.15
	189.688					80#	0#		5	GONDOLA	181 KIPS	178 KIPS	0.28
	189.676					80#	0#		24	GONDOLA	124 KIPS	121 KIPS	0.11
	189.532					80#	0#		43	GONDOLA	74 KIPS	72 KIPS	0.10
	189.388					80#	0#		82	GONDOLA	38 KIPS	37 KIPS	0.00
	189.244					80#	0#		81	GONDOLA	2 KIPS	0 KIPS	0.09
	189.100					80#	0#		100	GONDOLA	0 KIPS	0 KIPS	0.13
0:20:50	189.956	0	22	857	REL	80#	0#	233:5 .28:9	1	GMSC	0 KIPS	70 KIPS	0.14
	189.788					80#	0#		2	GM10B	70 KIPS	159 KIPS	0.14
	189.775					80#	0#		3	SD40	159 KIPS	196 KIPS	0.15
	189.762					80#	0#		4	SD40	233 KIPS	233 KIPS	0.15
	189.749					80#	0#		5	GONDOLA	233 KIPS	230 KIPS	0.11
	189.737					80#	0#		24	GONDOLA	181 KIPS	178 KIPS	0.00
	189.593					80#	0#		43	GONDOLA	127 KIPS	127 KIPS	0.10
	189.449					80#	0#		82	GONDOLA	74 KIPS	71 KIPS	0.10
	189.305					80#	0#		81	GONDOLA	34 KIPS	33 KIPS	0.10
	189.161					80#	0#		100	GONDOLA	2 KIPS	0 KIPS	0.09
	189.017					80#	0#						

STATION TIME	MP	SPEED LMT RUN	THYLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	DRABAR FORCES AFT	
0:21:0	189.848	0	21	RUN	6	982	REL	REL	1	GMBC	0 KIPS	70 KIPS	0.13
	189.835						80#	OW	2	GM10B	70 KIPS	160 KIPS	0.14
	189.822						80#	OW	3	SD40	160 KIPS	198 KIPS	0.15
	189.809						80#	OW	4	SD40	198 KIPS	238 KIPS	0.15
	189.797						80#	OW	5	GONDOLA	238 KIPS	233 KIPS	0.11
	189.653						80#	OW	24	GONDOLA	183 KIPS	180 KIPS	0.15
	189.509						80#	OW	43	GONDOLA	135 KIPS	132 KIPS	0.10
	189.385						80#	OW	82	GONDOLA	82 KIPS	78 KIPS	0.10
	189.221						80#	OW	81	GONDOLA	35 KIPS	33 KIPS	0.10
	189.077						80#	OW	100	GONDOLA	2 KIPS	0 KIPS	0.00
0:21:10	189.907	0	21	RUN	6	989	REL	REL	1	GMBC	0 KIPS	71 KIPS	0.13
	189.893						80#	OW	2	GM10B	71 KIPS	161 KIPS	0.14
	189.880						80#	OW	3	SD40	161 KIPS	200 KIPS	0.15
	189.868						80#	OW	4	SD40	200 KIPS	240 KIPS	0.15
	189.856						80#	OW	5	GONDOLA	240 KIPS	237 KIPS	0.12
	189.712						80#	OW	24	GONDOLA	187 KIPS	184 KIPS	0.17
	189.568						80#	OW	43	GONDOLA	139 KIPS	137 KIPS	0.15
	189.424						80#	OW	82	GONDOLA	89 KIPS	86 KIPS	0.10
	189.280						80#	OW	81	GONDOLA	37 KIPS	34 KIPS	0.10
	189.138						80#	OW	100	GONDOLA	1 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0:21:20	189.964	0	20	RUN	6	976	REL	REL	1	GMBC	0 KIPS	72 KIPS	0.13
	189.951						80#	OW	2	GM10B	72 KIPS	163 KIPS	0.27
	189.938						80#	OW	3	SD40	163 KIPS	204 KIPS	0.35
	189.926						80#	OW	4	SD40	204 KIPS	244 KIPS	0.15
	189.913						80#	OW	5	GONDOLA	244 KIPS	241 KIPS	0.12
	189.769						80#	OW	24	GONDOLA	192 KIPS	190 KIPS	0.11
	189.625						80#	OW	43	GONDOLA	142 KIPS	139 KIPS	0.00
	189.482						80#	OW	82	GONDOLA	95 KIPS	92 KIPS	0.10
	189.338						80#	OW	81	GONDOLA	43 KIPS	41 KIPS	0.10
	189.194						80#	OW	100	GONDOLA	2 KIPS	0 KIPS	0.08
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
0:21:30	190.020	0	20	RUN	6	983	REL	REL	1	GMBC	0 KIPS	73 KIPS	0.17
	190.007						80#	OW	2	GM10B	73 KIPS	164 KIPS	0.10
	189.994						80#	OW	3	SD40	164 KIPS	208 KIPS	0.11
	189.982						80#	OW	4	SD40	208 KIPS	248 KIPS	0.31
	189.969						80#	OW	5	GONDOLA	249 KIPS	246 KIPS	0.21
	189.826						80#	OW	24	GONDOLA	199 KIPS	198 KIPS	0.11
	189.682						80#	OW	43	GONDOLA	147 KIPS	144 KIPS	0.11
	189.538						80#	OW	82	GONDOLA	101 KIPS	98 KIPS	0.14
	189.394						80#	OW	81	GONDOLA	50 KIPS	48 KIPS	0.10
	189.250						80#	OW	100	GONDOLA	2 KIPS	0 KIPS	0.09

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	BRAKES IND	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:21:40	190.075	0	19	8	993	REL	REL	80# 0#	1	GMBC	0 KIPS	238 KIPS	0.20
	190.062							80# 0#	2	GM10B	238 KIPS	205 KIPS	0.31
	190.048							80# 0#	3	SD40	205 KIPS	211 KIPS	0.40
	190.037							80# 0#	4	SD40	211 KIPS	257 KIPS	0.34
	190.024							80# 0#	5	GONDOLA	257 KIPS	286 KIPS	0.27
	189.880							80# 0#	24	GONDOLA	237 KIPS	238 KIPS	0.12
	189.736							80# 0#	43	GONDOLA	213 KIPS	212 KIPS	0.11
	189.592							80# 0#	62	GONDOLA	183 KIPS	182 KIPS	0.00
	189.448							80# 0#	81	GONDOLA	173 KIPS	172 KIPS	0.11
	189.305							80# 0#	100	GONDOLA	150 KIPS	0 KIPS	0.10
0:21:41	190.080	0	19	8	994	REL	REL	80# 0#	1	GMBC	0 KIPS	73 KIPS	0.13
	190.067							80# 0#	2	GM10B	73 KIPS	164 KIPS	0.14
	190.054							80# 0#	3	SD40	164 KIPS	208 KIPS	0.15
	190.042							80# 0#	4	SD40	208 KIPS	252 KIPS	0.15
	190.030							80# 0#	5	GONDOLA	252 KIPS	280 KIPS	0.13
	189.886							80# 0#	24	GONDOLA	228 KIPS	226 KIPS	0.12
	189.742							80# 0#	43	GONDOLA	197 KIPS	195 KIPS	0.11
	189.598							80# 0#	62	GONDOLA	168 KIPS	167 KIPS	0.00
	189.454							80# 0#	81	GONDOLA	141 KIPS	139 KIPS	0.11
	189.310							80# 0#	100	GONDOLA	110 KIPS	0 KIPS	0.10
0:21:42	190.086	0	19	8	994	REL	REL	80# 0#	1	GMBC	0 KIPS	73 KIPS	0.13
	190.073							80# 0#	2	GM10B	73 KIPS	164 KIPS	0.14
	190.060							80# 0#	3	SD40	164 KIPS	208 KIPS	0.15
	190.047							80# 0#	4	SD40	208 KIPS	252 KIPS	0.15
	190.035							80# 0#	5	GONDOLA	252 KIPS	249 KIPS	0.12
	189.891							80# 0#	24	GONDOLA	219 KIPS	217 KIPS	0.12
	189.747							80# 0#	43	GONDOLA	181 KIPS	179 KIPS	0.11
	189.603							80# 0#	62	GONDOLA	146 KIPS	144 KIPS	0.00
	189.458							80# 0#	81	GONDOLA	111 KIPS	109 KIPS	0.10
	189.315							80# 0#	100	GONDOLA	73 KIPS	0 KIPS	0.10
0:21:50	190.128	0	19	8	1000	REL	REL	80# 0#	1	GMBC	0 KIPS	74 KIPS	0.13
	190.115							80# 0#	2	GM10B	74 KIPS	165 KIPS	0.14
	190.102							80# 0#	3	SD40	165 KIPS	210 KIPS	0.15
	190.080							80# 0#	4	SD40	210 KIPS	255 KIPS	0.15
	190.077							80# 0#	5	GONDOLA	255 KIPS	252 KIPS	0.12
	189.933							80# 0#	24	GONDOLA	211 KIPS	209 KIPS	0.15
	189.789							80# 0#	43	GONDOLA	171 KIPS	169 KIPS	0.11
	189.645							80# 0#	62	GONDOLA	131 KIPS	129 KIPS	0.02
	189.501							80# 0#	81	GONDOLA	92 KIPS	89 KIPS	0.10
	189.358							80# 0#	100	GONDOLA	49 KIPS	0 KIPS	0.10

-----> TRAIN ENTERING 0.00 DEGREE CURVE

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STATION TIME	SPEED LMT	THRTLE RUN	AMPS 1006	SETTING REL	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRAMBAR FORCES	AFT	
0:22:0	190.180	0	18	RUN	8	260:5 .34:4	1	GMSC	0 KIPS	75 KIPS	0.13
	190.187				80#	0#	2	GM10B	75 KIPS	167 KIPS	0.17
	190.154				80#	0#	3	SD40	167 KIPS	213 KIPS	0.25
	190.141				80#	0#	4	SD40	213 KIPS	280 KIPS	0.34
	190.129				80#	0#	5	GONDOLA	280 KIPS	287 KIPS	0.23
	189.985				80#	0#	24	GONDOLA	207 KIPS	205 KIPS	0.10
	189.841				80#	0#	43	GONDOLA	157 KIPS	154 KIPS	0.11
	189.697				80#	0#	82	GONDOLA	103 KIPS	101 KIPS	0.15
	189.553				80#	0#	81	GONDOLA	58 KIPS	53 KIPS	0.11
	189.408				80#	0#	100	GONDOLA	3 KIPS	0 KIPS	0.10
0:22:10	190.230	0	18	RUN	8	263:5 .27:22	1	GMSC	0 KIPS	75 KIPS	0.00
	190.217				80#	0#	2	GM10B	75 KIPS	167 KIPS	0.00
	190.204				80#	0#	3	SD40	167 KIPS	215 KIPS	0.00
	190.192				80#	0#	4	SD40	215 KIPS	283 KIPS	0.06
	190.180				80#	0#	5	GONDOLA	283 KIPS	280 KIPS	0.12
	190.036				80#	0#	24	GONDOLA	211 KIPS	208 KIPS	0.27
	189.892				80#	0#	43	GONDOLA	160 KIPS	157 KIPS	0.11
	189.748				80#	0#	82	GONDOLA	108 KIPS	103 KIPS	0.11
	189.604				80#	0#	81	GONDOLA	55 KIPS	52 KIPS	0.00
	189.460				80#	0#	100	GONDOLA	3 KIPS	0 KIPS	0.10
0:22:20	190.280	0	18	RUN	8	285:5 .28:28	1	GMSC	0 KIPS	78 KIPS	0.00
	190.267				80#	0#	2	GM10B	78 KIPS	168 KIPS	0.00
	190.254				80#	0#	3	SD40	168 KIPS	217 KIPS	0.00
	190.241				80#	0#	4	SD40	217 KIPS	285 KIPS	0.00
	190.229				80#	0#	5	GONDOLA	285 KIPS	283 KIPS	0.00
	190.085				80#	0#	24	GONDOLA	215 KIPS	212 KIPS	0.11
	189.941				80#	0#	43	GONDOLA	163 KIPS	160 KIPS	0.12
	189.797				80#	0#	62	GONDOLA	108 KIPS	105 KIPS	0.11
	189.653				80#	0#	81	GONDOLA	53 KIPS	51 KIPS	0.10
	189.508				80#	0#	100	GONDOLA	3 KIPS	0 KIPS	0.10
PS L JEAN.											
0:22:24	190.300	0	18	RUN	8	267:5 .25:34	1	GMSC	0 KIPS	78 KIPS	0.00
	190.287				80#	0#	2	GM10B	78 KIPS	168 KIPS	0.00
	190.274				80#	0#	3	SD40	168 KIPS	217 KIPS	0.00
	190.262				80#	0#	4	SD40	217 KIPS	287 KIPS	0.00
	190.249				80#	0#	5	GONDOLA	287 KIPS	284 KIPS	0.00
	190.106				80#	0#	24	GONDOLA	217 KIPS	214 KIPS	0.11
	189.961				80#	0#	43	GONDOLA	163 KIPS	161 KIPS	0.02
	189.817				80#	0#	82	GONDOLA	109 KIPS	108 KIPS	0.11
	189.673				80#	0#	81	GONDOLA	53 KIPS	50 KIPS	0.10
	189.530				80#	0#	100	GONDOLA	3 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 0.00 % GRADE											

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 1022	SETTING REL	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAWBAR FORCES FORE	AFT	
0:22:30	190.328	0	17	RUN	8	1022	REL	REL	80#	0#	0#	0.00
	190.315								80#	0#	0#	0.00
	190.302								80#	0#	0#	0.00
	190.290								80#	0#	0#	0.00
	190.278								80#	0#	0#	0.00
	190.134								80#	0#	0#	0.12
	188.990								80#	0#	0#	0.00
	188.846								80#	0#	0#	0.11
	188.702								80#	0#	0#	0.10
	188.558								80#	0#	0#	0.00
0:22:40	190.377	0	17	RUN	8	1024	REL	REL	80#	0#	0#	0.00
	190.364								80#	0#	0#	0.00
	190.350								80#	0#	0#	0.00
	190.338								80#	0#	0#	0.00
	190.326								80#	0#	0#	0.00
	190.182								80#	0#	0#	0.13
	190.038								80#	0#	0#	0.24
	188.894								80#	0#	0#	0.11
	188.750								80#	0#	0#	0.10
	188.606								80#	0#	0#	0.00
0:22:50	190.424	0	17	RUN	8	1024	REL	REL	80#	0#	0#	0.00
	190.411								80#	0#	0#	0.00
	190.398								80#	0#	0#	0.00
	190.386								80#	0#	0#	0.00
	190.374								80#	0#	0#	0.00
	190.230								80#	0#	0#	0.00
	190.086								80#	0#	0#	0.11
	188.942								80#	0#	0#	0.13
	188.798								80#	0#	0#	0.10
	188.654								80#	0#	0#	0.10
0:23:00	190.472	0	17	RUN	8	1022	REL	REL	80#	0#	0#	0.00
	190.459								80#	0#	0#	0.00
	190.446								80#	0#	0#	0.00
	190.434								80#	0#	0#	0.00
	190.422								80#	0#	0#	0.00
	190.278								80#	0#	0#	0.12
	190.134								80#	0#	0#	0.01
	188.990								80#	0#	0#	0.10
	188.846								80#	0#	0#	0.10
	188.702								80#	0#	0#	0.10

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:23:10	190.521	0	18	RUN	6	1018	REL	80# 0#	1	GM6C	0 KIPS	79 KIPS	0.00
	190.508							80# 0#	2	GM10B	79 KIPS	174 KIPS	0.00
	190.495							80# 0#	3	SD40	174 KIPS	227 KIPS	0.00
	190.483							80# 0#	4	SD40	227 KIPS	281 KIPS	0.00
	190.470							80# 0#	5	GONDOLA	281 KIPS	280 KIPS	0.00
	190.328							80# 0#	24	GONDOLA	288 KIPS	287 KIPS	0.00
	190.182							80# 0#	43	GONDOLA	210 KIPS	207 KIPS	0.12
	190.038							80# 0#	62	GONDOLA	142 KIPS	138 KIPS	0.21
	189.894							80# 0#	81	GONDOLA	75 KIPS	71 KIPS	0.10
	189.751							80# 0#	100	GONDOLA	4 KIPS	0 KIPS	0.10
0:23:20	190.571	0	18	RUN	6	1012	REL	80# 0#	1	GM6C	0 KIPS	78 KIPS	0.00
	190.558							80# 0#	2	GM10B	78 KIPS	173 KIPS	0.00
	190.545							80# 0#	3	SD40	173 KIPS	225 KIPS	0.00
	190.532							80# 0#	4	SD40	225 KIPS	277 KIPS	0.00
	190.520							80# 0#	5	GONDOLA	277 KIPS	276 KIPS	0.00
	190.378							80# 0#	24	GONDOLA	285 KIPS	284 KIPS	0.00
	190.232							80# 0#	43	GONDOLA	217 KIPS	213 KIPS	0.00
	190.088							80# 0#	62	GONDOLA	148 KIPS	144 KIPS	0.11
	189.944							80# 0#	81	GONDOLA	77 KIPS	74 KIPS	0.11
	189.800							80# 0#	100	GONDOLA	4 KIPS	0 KIPS	0.10
0:23:30	190.622	0	19	RUN	6	1004	REL	80# 0#	1	GM6C	0 KIPS	78 KIPS	0.00
	190.609							80# 0#	2	GM10B	78 KIPS	172 KIPS	0.00
	190.596							80# 0#	3	SD40	172 KIPS	222 KIPS	0.00
	190.583							80# 0#	4	SD40	222 KIPS	272 KIPS	0.00
	190.571							80# 0#	5	GONDOLA	272 KIPS	272 KIPS	0.00
	190.427							80# 0#	24	GONDOLA	257 KIPS	257 KIPS	0.00
	190.283							80# 0#	43	GONDOLA	223 KIPS	219 KIPS	0.00
	190.139							80# 0#	62	GONDOLA	154 KIPS	150 KIPS	0.11
	189.995							80# 0#	81	GONDOLA	78 KIPS	74 KIPS	0.00
	189.851							80# 0#	100	GONDOLA	4 KIPS	0 KIPS	0.10
0:23:35	190.650	0	19	RUN	6	998	REL	80# 0#	1	GM6C	0 KIPS	77 KIPS	0.00
	190.637							80# 0#	2	GM10B	77 KIPS	171 KIPS	0.00
	190.624							80# 0#	3	SD40	171 KIPS	219 KIPS	0.00
	190.612							80# 0#	4	SD40	219 KIPS	287 KIPS	0.00
	190.599							80# 0#	5	GONDOLA	287 KIPS	286 KIPS	0.00
	190.465							80# 0#	24	GONDOLA	249 KIPS	248 KIPS	0.00
	190.311							80# 0#	43	GONDOLA	228 KIPS	223 KIPS	0.00
	190.167							80# 0#	62	GONDOLA	158 KIPS	152 KIPS	0.03
	190.023							80# 0#	81	GONDOLA	79 KIPS	75 KIPS	0.10
	189.880							80# 0#	100	GONDOLA	4 KIPS	0 KIPS	0.10

-----> RUN 3

STATION TIME	MP	SPEED LMT	THRTLE RUN	AMPS REL	SETTING REL	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	AFT	
0:23:38	190.855	0	19	RUN	3	956	REL	80# 0# 281:5 11:83	1	GM6C	0 KIPS	75 KIPS	0.00
	190.842							80# 0#	2	GM108	75 KIPS	168 KIPS	0.00
	190.828							80# 0#	3	SD40	168 KIPS	215 KIPS	0.00
	190.617							80# 0#	4	SD40	215 KIPS	261 KIPS	0.00
	190.605							80# 0#	5	GONDOLA	261 KIPS	260 KIPS	0.00
	190.481							80# 0#	24	GONDOLA	242 KIPS	241 KIPS	0.00
	190.317							80# 0#	43	GONDOLA	222 KIPS	221 KIPS	0.00
	190.173							80# 0#	62	GONDOLA	155 KIPS	151 KIPS	0.00
	190.029							80# 0#	81	GONDOLA	79 KIPS	74 KIPS	0.10
	188.885							80# 0#	100	GONDOLA	4 KIPS	0 KIPS	0.10
0:23:37	190.661	0	19	RUN	3	784	REL	80# 0# 252:5 12:68	1	GM6C	0 KIPS	73 KIPS	0.00
	190.648							80# 0#	2	GM108	73 KIPS	163 KIPS	0.00
	190.634							80# 0#	3	SD40	163 KIPS	207 KIPS	0.00
	190.622							80# 0#	4	SD40	207 KIPS	252 KIPS	0.00
	190.610							80# 0#	5	GONDOLA	252 KIPS	251 KIPS	0.00
	190.488							80# 0#	24	GONDOLA	234 KIPS	233 KIPS	0.00
	190.322							80# 0#	43	GONDOLA	216 KIPS	216 KIPS	0.00
	190.178							80# 0#	62	GONDOLA	151 KIPS	148 KIPS	0.00
	190.034							80# 0#	81	GONDOLA	76 KIPS	72 KIPS	0.10
	188.890							80# 0#	100	GONDOLA	4 KIPS	0 KIPS	0.08
0:23:40	190.874	0	19	RUN	3	528	REL	80# 0# 229:5 14:69	1	GM6C	0 KIPS	64 KIPS	0.00
	190.661							80# 0#	2	GM108	64 KIPS	148 KIPS	0.00
	190.648							80# 0#	3	SD40	148 KIPS	188 KIPS	0.00
	190.636							80# 0#	4	SD40	188 KIPS	229 KIPS	0.00
	190.624							80# 0#	5	GONDOLA	229 KIPS	228 KIPS	0.00
	190.480							80# 0#	24	GONDOLA	215 KIPS	215 KIPS	0.00
	190.338							80# 0#	43	GONDOLA	202 KIPS	201 KIPS	0.00
	190.192							80# 0#	62	GONDOLA	142 KIPS	139 KIPS	0.00
	190.048							80# 0#	81	GONDOLA	67 KIPS	63 KIPS	0.10
	189.904							80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.08
0:23:50	190.727	0	19	RUN	3	531	REL	80# 0# 156:44 13:71	1	GM6C	0 KIPS	41 KIPS	0.00
	190.714							80# 0#	2	GM108	41 KIPS	103 KIPS	0.00
	190.701							80# 0#	3	SD40	103 KIPS	130 KIPS	0.00
	190.689							80# 0#	4	SD40	130 KIPS	156 KIPS	0.00
	190.678							80# 0#	5	GONDOLA	156 KIPS	156 KIPS	0.00
	190.532							80# 0#	24	GONDOLA	158 KIPS	158 KIPS	0.00
	190.388							80# 0#	43	GONDOLA	158 KIPS	156 KIPS	0.00
	190.244							80# 0#	62	GONDOLA	113 KIPS	110 KIPS	0.00
	190.100							80# 0#	81	GONDOLA	57 KIPS	54 KIPS	0.10
	189.957							80# 0#	100	GONDOLA	3 KIPS	0 KIPS	0.10

STATION TIME	MP	SPEED LMT RUN	THLTL AMP RUN	532 REL	TRN IND PIPE REL	BRAKES SETTING PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES			L/V RATIO
									IDENTIFIER	DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:24: 0	190.779	0	19 RUN 3	532 REL	REL	80#	128:54 .12:77	1	GM6C	0 KIPS	39 KIPS	0.00
	190.768					80#		2	GM10B	39 KIPS	83 KIPS	0.00
	190.753					80#		3	SD40	83 KIPS	103 KIPS	0.00
	190.740					80#		4	SD40	103 KIPS	123 KIPS	0.00
	190.728					80#		5	GONDOLA	123 KIPS	123 KIPS	0.00
	190.584					80#		24	GONDOLA	125 KIPS	125 KIPS	0.00
	190.440					80#		43	GONDOLA	127 KIPS	127 KIPS	0.00
	190.286					80#		62	GONDOLA	115 KIPS	112 KIPS	0.00
	190.152					80#		81	GONDOLA	62 KIPS	60 KIPS	0.10
	190.008					80#		100	GONDOLA	3 KIPS	0 KIPS	0.09
0:24: 4	190.800	0	19 RUN 3	532 REL	REL	80#	122:5 .11:84	1	GM6C	0 KIPS	39 KIPS	0.00
	190.787					80#		2	GM10B	39 KIPS	82 KIPS	0.00
	190.774					80#		3	SD40	82 KIPS	102 KIPS	0.00
	190.762					80#		4	SD40	102 KIPS	122 KIPS	0.00
	190.749					80#		5	GONDOLA	122 KIPS	122 KIPS	0.00
	190.605					80#		24	GONDOLA	121 KIPS	121 KIPS	0.00
	190.481					80#		43	GONDOLA	119 KIPS	119 KIPS	0.00
	190.317					80#		62	GONDOLA	118 KIPS	114 KIPS	0.00
	190.173					80#		81	GONDOLA	63 KIPS	60 KIPS	0.00
	190.030					80#		100	GONDOLA	3 KIPS	0 KIPS	0.08
-----> 12 POUND REDUCTION												
-----> RUN 1												
-----> CONTINUE UNTIL SPEED REACHES 5 M.P.H.												
0:24: 5	190.805	0	19 RUN 1	482 12#	REL	80#	119:5 .10:92	1	GM6C	0 KIPS	38 KIPS	0.00
	190.792					80#		2	GM10B	38 KIPS	80 KIPS	0.00
	190.779					80#		3	SD40	80 KIPS	100 KIPS	0.00
	190.767					80#		4	SD40	100 KIPS	119 KIPS	0.00
	190.754					80#		5	GONDOLA	119 KIPS	118 KIPS	0.00
	190.610					80#		24	GONDOLA	118 KIPS	118 KIPS	0.00
	190.468					80#		43	GONDOLA	113 KIPS	113 KIPS	0.00
	190.323					80#		62	GONDOLA	111 KIPS	110 KIPS	0.00
	190.179					80#		81	GONDOLA	62 KIPS	60 KIPS	0.00
	190.035					80#		100	GONDOLA	3 KIPS	0 KIPS	0.09
0:24: 6	190.810	0	18 RUN 1	344 12#	REL	78#	110:5 .10:91	1	GM6C	0 KIPS	34 KIPS	0.00
	190.787					80#		2	GM10B	34 KIPS	74 KIPS	0.00
	190.784					80#		3	SD40	74 KIPS	92 KIPS	0.00
	190.772					80#		4	SD40	92 KIPS	110 KIPS	0.00
	190.759					80#		5	GONDOLA	110 KIPS	110 KIPS	0.00
	190.616					80#		24	GONDOLA	109 KIPS	109 KIPS	0.00
	190.472					80#		43	GONDOLA	108 KIPS	108 KIPS	0.00
	190.328					80#		62	GONDOLA	107 KIPS	107 KIPS	0.00
	190.184					80#		81	GONDOLA	59 KIPS	58 KIPS	0.00
	190.040					80#		100	GONDOLA	3 KIPS	0 KIPS	0.09

STATION TIME	MP	SPEED LMT RUN	TH1LE RUN	AMPS TRN	SETTING IND	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES		L/V RATIO				
						IND	PIPE CYL				FORE	AFT					
0:24: 7	190.815	0	18	RUN	1	237	12#	REL	78#	7#	99:58	10:90	1	GM6C	0 KIPS	25 KIPS	0.00
	190.802								77#	5#			2	GM10B	25 KIPS	85 KIPS	0.00
	190.789								78#	3#			3	SD40	65 KIPS	80 KIPS	0.00
	190.777								79#	1#			4	SD40	80 KIPS	95 KIPS	0.00
	190.765								80#	0#			5	GONDOLA	95 KIPS	95 KIPS	0.00
	190.621								80#	0#			24	GONDOLA	96 KIPS	96 KIPS	0.00
	190.477								80#	0#			43	GONDOLA	98 KIPS	98 KIPS	0.00
	190.333								80#	0#			62	GONDOLA	98 KIPS	98 KIPS	0.00
	190.189								80#	0#			81	GONDOLA	52 KIPS	50 KIPS	0.00
	190.045								80#	0#			100	GONDOLA	3 KIPS	0 KIPS	0.09
0:24: 8	190.820	0	18	RUN	1	218	12#	REL	74#	11#	91:63	10:90	1	GM6C	0 KIPS	16 KIPS	0.00
	190.807								75#	8#			2	GM10B	16 KIPS	53 KIPS	0.00
	190.794								76#	7#			3	SD40	53 KIPS	65 KIPS	0.00
	190.782								77#	6#			4	SD40	65 KIPS	76 KIPS	0.00
	190.770								80#	0#			5	GONDOLA	76 KIPS	76 KIPS	0.00
	190.626								80#	0#			24	GONDOLA	81 KIPS	82 KIPS	0.00
	190.482								80#	0#			43	GONDOLA	86 KIPS	87 KIPS	0.00
	190.338								80#	0#			62	GONDOLA	91 KIPS	91 KIPS	0.00
	190.194								80#	0#			81	GONDOLA	47 KIPS	45 KIPS	0.00
	190.050								80#	0#			100	GONDOLA	2 KIPS	0 KIPS	0.08
0:24: 9	190.826	0	18	RUN	1	218	12#	REL	72#	14#	83:63	10:91	1	GM6C	0 KIPS	10 KIPS	0.00
	190.813								74#	12#			2	GM10B	10 KIPS	43 KIPS	0.00
	190.799								74#	11#			3	SD40	43 KIPS	52 KIPS	0.00
	190.787								75#	10#			4	SD40	52 KIPS	61 KIPS	0.00
	190.775								79#	2#			5	GONDOLA	61 KIPS	61 KIPS	0.00
	190.631								80#	0#			24	GONDOLA	68 KIPS	69 KIPS	0.00
	190.487								80#	0#			43	GONDOLA	76 KIPS	77 KIPS	0.00
	190.343								80#	0#			62	GONDOLA	83 KIPS	83 KIPS	0.00
	190.199								80#	0#			81	GONDOLA	45 KIPS	43 KIPS	0.00
	190.055								80#	0#			100	GONDOLA	2 KIPS	0 KIPS	0.09
0:24: 10	190.830	0	18	RUN	1	218	12#	REL	72#	16#	75:60	10:90	1	GM6C	0 KIPS	8 KIPS	0.00
	190.817								72#	14#			2	GM10B	8 KIPS	36 KIPS	0.00
	190.804								73#	13#			3	SD40	36 KIPS	41 KIPS	0.00
	190.792								73#	12#			4	SD40	41 KIPS	47 KIPS	0.00
	190.779								78#	4#			5	GONDOLA	47 KIPS	48 KIPS	0.00
	190.635								80#	0#			24	GONDOLA	58 KIPS	58 KIPS	0.00
	190.491								80#	0#			43	GONDOLA	68 KIPS	68 KIPS	0.00
	190.347								80#	0#			62	GONDOLA	75 KIPS	75 KIPS	0.00
	190.203								80#	0#			81	GONDOLA	43 KIPS	41 KIPS	0.00
	190.060								80#	0#			100	GONDOLA	2 KIPS	0 KIPS	0.09

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STATION TIME	MP	SPEED			THLE AMPS			SETTING PRESSURE			BRAKES			MAXIMUMS			POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
		LMT	RUN	0	18	RUN	1	218	12#	REL	71#	19#	71#	17#	68:68	09:91			DRANBAR FORCES FORE	DRANBAR FORCES AFT	
0:24:11	190.835																1	GM6C	0 KIPS	7 KIPS	0.00
	190.822																2	GM10B	7 KIPS	28 KIPS	0.00
	190.809																3	SD40	28 KIPS	33 KIPS	0.00
	190.797																4	SD40	33 KIPS	37 KIPS	0.00
	190.784																5	GONDOLA	37 KIPS	37 KIPS	0.00
	190.771																24	GONDOLA	49 KIPS	49 KIPS	0.00
	190.758																43	GONDOLA	81 KIPS	81 KIPS	0.00
	190.745																62	GONDOLA	86 KIPS	86 KIPS	0.00
	190.732																81	GONDOLA	42 KIPS	40 KIPS	0.00
	190.719																100	GONDOLA	2 KIPS	0 KIPS	0.09
0:24:12	190.685																1	GM6C	0 KIPS	8 KIPS	0.00
	190.672																2	GM10B	8 KIPS	18 KIPS	0.00
	190.659																3	SD40	18 KIPS	28 KIPS	0.00
	190.646																4	SD40	28 KIPS	28 KIPS	0.00
	190.633																5	GONDOLA	28 KIPS	29 KIPS	0.00
	190.620																24	GONDOLA	41 KIPS	42 KIPS	0.00
	190.607																43	GONDOLA	53 KIPS	53 KIPS	0.00
	190.594																62	GONDOLA	60 KIPS	60 KIPS	0.00
	190.581																81	GONDOLA	41 KIPS	39 KIPS	0.00
	190.568																100	GONDOLA	2 KIPS	0 KIPS	0.08
0:24:13	190.535																1	GM6C	0 KIPS	4 KIPS	0.00
	190.522																2	GM10B	4 KIPS	13 KIPS	0.00
	190.509																3	SD40	13 KIPS	18 KIPS	0.00
	190.496																4	SD40	18 KIPS	20 KIPS	0.00
	190.483																5	GONDOLA	20 KIPS	21 KIPS	0.00
	190.470																24	GONDOLA	34 KIPS	35 KIPS	0.00
	190.457																43	GONDOLA	43 KIPS	44 KIPS	0.00
	190.444																62	GONDOLA	55 KIPS	56 KIPS	0.00
	190.431																81	GONDOLA	40 KIPS	38 KIPS	0.00
	190.418																100	GONDOLA	2 KIPS	0 KIPS	0.08
0:24:14	190.385																1	GM6C	0 KIPS	3 KIPS	0.00
	190.372																2	GM10B	3 KIPS	11 KIPS	0.00
	190.359																3	SD40	11 KIPS	8 KIPS	0.00
	190.346																4	SD40	8 KIPS	13 KIPS	0.00
	190.333																5	GONDOLA	13 KIPS	14 KIPS	0.00
	190.320																24	GONDOLA	26 KIPS	27 KIPS	0.00
	190.307																43	GONDOLA	35 KIPS	36 KIPS	0.00
	190.294																62	GONDOLA	52 KIPS	53 KIPS	0.00
	190.281																81	GONDOLA	39 KIPS	37 KIPS	0.00
	190.268																100	GONDOLA	2 KIPS	0 KIPS	0.09

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABBAR FORCES FORE	DRABBAR FORCES AFT	
0:24:15	190.855	0	18	RUN	1	219	12# REL	56:70 .10:93	1	GMBC	0 KIPS	3 KIPS	0.00
	190.842								2	GM10B	3 KIPS	10 KIPS	0.00
	190.829								3	SD40	10 KIPS	5 KIPS	0.00
	190.816								4	SD40	5 KIPS	0 KIPS	0.00
	190.804								5	GONDOLA	0 KIPS	4 KIPS	0.00
	190.860								24	GONDOLA	17 KIPS	17 KIPS	0.00
	190.516								43	GONDOLA	30 KIPS	31 KIPS	0.00
	190.372								62	GONDOLA	48 KIPS	49 KIPS	0.00
	190.228								81	GONDOLA	38 KIPS	36 KIPS	0.00
	190.085								100	GONDOLA	2 KIPS	0 KIPS	0.08
0:24:16	190.860	0	18	RUN	1	220	12# REL	51:71 .10:94	1	GMBC	0 KIPS	4 KIPS	0.00
	190.847								2	GM10B	4 KIPS	10 KIPS	0.00
	190.834								3	SD40	10 KIPS	12 KIPS	0.00
	190.821								4	SD40	12 KIPS	-22 KIPS	0.00
	190.809								5	GONDOLA	-22 KIPS	0 KIPS	0.00
	190.865								24	GONDOLA	5 KIPS	6 KIPS	0.00
	190.521								43	GONDOLA	23 KIPS	24 KIPS	0.00
	190.377								62	GONDOLA	42 KIPS	43 KIPS	0.00
	190.233								81	GONDOLA	38 KIPS	35 KIPS	0.00
	190.089								100	GONDOLA	2 KIPS	0 KIPS	0.08
0:24:17	190.865	0	18	RUN	1	220	12# REL	50:72 .09:95	1	GMBC	0 KIPS	4 KIPS	0.00
	190.852								2	GM10B	4 KIPS	10 KIPS	0.00
	190.839								3	SD40	10 KIPS	5 KIPS	0.00
	190.826								4	SD40	5 KIPS	-18 KIPS	0.00
	190.814								5	GONDOLA	-18 KIPS	-28 KIPS	0.00
	190.870								24	GONDOLA	5 KIPS	5 KIPS	0.00
	190.526								43	GONDOLA	21 KIPS	22 KIPS	0.00
	190.382								62	GONDOLA	41 KIPS	42 KIPS	0.00
	190.238								81	GONDOLA	38 KIPS	34 KIPS	0.00
	190.084								100	GONDOLA	2 KIPS	0 KIPS	0.09
0:24:18	190.870	0	17	RUN	1	221	12# REL	46:73 .09:95	1	GMBC	0 KIPS	2 KIPS	0.00
	190.857								2	GM10B	2 KIPS	7 KIPS	0.00
	190.843								3	SD40	7 KIPS	0 KIPS	0.00
	190.831								4	SD40	0 KIPS	-18 KIPS	0.01
	190.819								5	GONDOLA	-18 KIPS	-28 KIPS	0.01
	190.875								24	GONDOLA	4 KIPS	4 KIPS	0.00
	190.531								43	GONDOLA	13 KIPS	14 KIPS	0.00
	190.387								62	GONDOLA	33 KIPS	34 KIPS	0.00
	190.243								81	GONDOLA	32 KIPS	32 KIPS	0.00
	190.098								100	GONDOLA	3 KIPS	0 KIPS	0.08

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES			L/V RATIO
											BRAKES		DRAWBAR FORCES	
0:24:19	190.874	0	17	1	221	12#	REL	68# 28#	1	GM8C	0 KIPS	2 KIPS	2 KIPS	0.00
	190.861							68# 28#	2	GM10B	2 KIPS	7 KIPS	0 KIPS	0.00
	190.848							68# 28#	3	SD40	7 KIPS	0 KIPS	0 KIPS	0.01
	190.836							68# 28#	4	SD40	0 KIPS	-13 KIPS	-13 KIPS	0.01
	190.824							73# 13#	5	GONDOLA	-13 KIPS	-21 KIPS	-21 KIPS	0.01
	190.800							74# 10#	24	GONDOLA	4 KIPS	4 KIPS	4 KIPS	0.00
	190.536							75# 8#	43	GONDOLA	13 KIPS	13 KIPS	13 KIPS	0.00
	190.392							76# 7#	62	GONDOLA	30 KIPS	31 KIPS	30 KIPS	0.00
	190.248							76# 6#	81	GONDOLA	32 KIPS	30 KIPS	30 KIPS	0.00
	190.104							77# 5#	100	GONDOLA	2 KIPS	0 KIPS	0 KIPS	0.09
0:24:20	190.879	0	17	1	222	12#	REL	68# 28#	1	GM8C	0 KIPS	2 KIPS	2 KIPS	0.00
	190.866							68# 28#	2	GM10B	2 KIPS	0 KIPS	0 KIPS	0.00
	190.853							68# 28#	3	SD40	0 KIPS	-14 KIPS	-14 KIPS	0.02
	190.841							68# 28#	4	SD40	-17 KIPS	-17 KIPS	-17 KIPS	0.03
	190.828							72# 14#	5	GONDOLA	-17 KIPS	-22 KIPS	-22 KIPS	0.02
	190.684							74# 11#	24	GONDOLA	4 KIPS	5 KIPS	5 KIPS	0.00
	190.541							75# 9#	43	GONDOLA	14 KIPS	14 KIPS	14 KIPS	0.00
	190.397							75# 8#	62	GONDOLA	27 KIPS	28 KIPS	27 KIPS	0.00
	190.253							76# 7#	81	GONDOLA	28 KIPS	27 KIPS	27 KIPS	0.00
	190.109							77# 6#	100	GONDOLA	2 KIPS	0 KIPS	0 KIPS	0.09
0:24:21	190.884	0	17	1	222	12#	REL	68# 28#	1	GM8C	0 KIPS	0 KIPS	0 KIPS	0.00
	190.871							68# 28#	2	GM10B	0 KIPS	0 KIPS	0 KIPS	0.00
	190.858							68# 28#	3	SD40	0 KIPS	-8 KIPS	-8 KIPS	0.02
	190.845							68# 28#	4	SD40	-8 KIPS	-13 KIPS	-13 KIPS	0.03
	190.833							72# 15#	5	GONDOLA	-13 KIPS	-14 KIPS	-14 KIPS	0.03
	190.689							73# 12#	24	GONDOLA	4 KIPS	5 KIPS	5 KIPS	0.00
	190.545							74# 10#	43	GONDOLA	14 KIPS	15 KIPS	15 KIPS	0.00
	190.401							75# 9#	62	GONDOLA	28 KIPS	28 KIPS	28 KIPS	0.00
	190.257							76# 8#	81	GONDOLA	30 KIPS	28 KIPS	28 KIPS	0.00
	190.113							76# 7#	100	GONDOLA	2 KIPS	0 KIPS	0 KIPS	0.09
0:24:22	190.889	0	17	1	223	12#	REL	68# 28#	1	GM8C	0 KIPS	-28 KIPS	-28 KIPS	0.00
	190.876							68# 28#	2	GM10B	0 KIPS	20 KIPS	20 KIPS	0.00
	190.862							68# 28#	3	SD40	-8 KIPS	-8 KIPS	-8 KIPS	0.00
	190.850							68# 28#	4	SD40	-8 KIPS	-13 KIPS	-13 KIPS	0.01
	190.838							72# 16#	5	GONDOLA	-13 KIPS	-12 KIPS	-12 KIPS	0.01
	190.694							73# 12#	24	GONDOLA	4 KIPS	4 KIPS	4 KIPS	0.00
	190.550							74# 11#	43	GONDOLA	16 KIPS	18 KIPS	18 KIPS	0.00
	190.406							75# 9#	62	GONDOLA	30 KIPS	31 KIPS	31 KIPS	0.00
	190.262							75# 8#	81	GONDOLA	33 KIPS	31 KIPS	31 KIPS	0.00
	190.118							76# 7#	100	GONDOLA	2 KIPS	0 KIPS	0 KIPS	0.09

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS SETTING	BRAKES TRN IND PIPE CYL	PRESSURE KIPS:CAR L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRABBAR FORCES FORE	DRABBAR FORCES AFT	
0:24:23	190.893	0	17	RUN 1	222	12# REL	68# 28#	1	GM6C	0 KIPS	18 KIPS	0.00
	190.880						68# 28#	2	GM10B	16 KIPS	8 KIPS	0.00
	190.867						68# 28#	3	SD40	8 KIPS	0 KIPS	0.00
	190.855						71# 18#	4	SD40	-7 KIPS	-7 KIPS	0.01
	190.842						73# 13#	5	GONDOLA	0 KIPS	4 KIPS	0.00
	190.839						73# 11#	24	GONDOLA	3 KIPS	16 KIPS	0.00
	190.855						74# 10#	43	GONDOLA	15 KIPS	31 KIPS	0.00
	190.411						75# 9#	62	GONDOLA	30 KIPS	32 KIPS	0.00
	190.267						75# 8#	81	GONDOLA	34 KIPS	0 KIPS	0.00
	190.123						75# 8#	100	GONDOLA	2 KIPS	0 KIPS	0.08
0:24:24	190.898	0	18	RUN 1	223	12# REL	68# 28#	1	GM6C	0 KIPS	2 KIPS	0.00
	190.885						68# 28#	2	GM10B	2 KIPS	7 KIPS	0.00
	190.872						68# 28#	3	SD40	7 KIPS	0 KIPS	0.00
	190.859						71# 17#	4	SD40	0 KIPS	-7 KIPS	0.01
	190.847						72# 14#	5	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.703						73# 12#	24	GONDOLA	2 KIPS	3 KIPS	0.00
	190.559						74# 11#	43	GONDOLA	14 KIPS	18 KIPS	0.00
	190.415						74# 10#	62	GONDOLA	28 KIPS	29 KIPS	0.00
	190.271						75# 9#	81	GONDOLA	34 KIPS	32 KIPS	0.00
	190.127						75# 8#	100	GONDOLA	2 KIPS	0 KIPS	0.08
0:24:25	190.902	0	18	RUN 1	223	12# REL	68# 28#	1	GM6C	0 KIPS	2 KIPS	0.00
	190.889						68# 28#	2	GM10B	2 KIPS	7 KIPS	0.00
	190.876						68# 28#	3	SD40	7 KIPS	0 KIPS	0.00
	190.864						71# 18#	4	SD40	0 KIPS	-7 KIPS	0.01
	190.852						72# 15#	5	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.708						73# 13#	24	GONDOLA	1 KIPS	2 KIPS	0.00
	190.564						73# 12#	43	GONDOLA	13 KIPS	14 KIPS	0.00
	190.420						74# 11#	62	GONDOLA	28 KIPS	29 KIPS	0.00
	190.276						74# 10#	81	GONDOLA	34 KIPS	32 KIPS	0.00
	190.132						74# 9#	100	GONDOLA	2 KIPS	0 KIPS	0.10
0:24:26	190.907	0	18	RUN 1	224	12# REL	68# 28#	1	GM6C	0 KIPS	2 KIPS	0.00
	190.894						68# 28#	2	GM10B	2 KIPS	12 KIPS	0.00
	190.881						68# 28#	3	SD40	12 KIPS	-14 KIPS	0.00
	190.868						71# 19#	4	SD40	-14 KIPS	-13 KIPS	0.01
	190.856						72# 15#	5	GONDOLA	-14 KIPS	-13 KIPS	0.01
	190.712						73# 14#	24	GONDOLA	-44 KIPS	1 KIPS	0.00
	190.568						73# 12#	43	GONDOLA	12 KIPS	13 KIPS	0.00
	190.424						74# 11#	62	GONDOLA	26 KIPS	27 KIPS	0.00
	190.280						74# 10#	81	GONDOLA	34 KIPS	33 KIPS	0.00
	190.138						74# 9#	100	GONDOLA	2 KIPS	0 KIPS	0.08

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	AFT	
0:24:27	190.911	0	16	1	224	12#	REL	-42:25 .01:5	1	GM6C	0 KIPS	17 KIPS	0.00
	190.898						88# 28#		2	GM10B	17 KIPS	9 KIPS	0.00
	190.885						88# 28#		3	SD40	9 KIPS	0 KIPS	0.00
	190.873						88# 28#		4	SD40	0 KIPS	-7 KIPS	0.01
	190.860						70# 19#		5	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.717						71# 16#		24	GONDOLA	-38 KIPS	-42 KIPS	0.00
	190.573						72# 14#		43	GONDOLA	11 KIPS	12 KIPS	0.00
	190.429						73# 13#		62	GONDOLA	25 KIPS	28 KIPS	0.00
	190.285						73# 12#		81	GONDOLA	34 KIPS	33 KIPS	0.00
	190.141						74# 11#		100	GONDOLA	2 KIPS	0 KIPS	0.00
0:24:28	190.916	0	16	1	225	12#	REL	38:79 .01:5	1	GM6C	0 KIPS	2 KIPS	0.00
	190.903						88# 28#		2	GM10B	2 KIPS	7 KIPS	0.00
	190.889						88# 28#		3	SD40	7 KIPS	0 KIPS	0.00
	190.877						88# 28#		4	SD40	0 KIPS	-7 KIPS	0.01
	190.865						70# 20#		5	SD40	-7 KIPS	-7 KIPS	0.01
	190.721						71# 17#		24	GONDOLA	-27 KIPS	-30 KIPS	0.00
	190.577						72# 15#		43	GONDOLA	9 KIPS	10 KIPS	0.00
	190.433						72# 14#		62	GONDOLA	23 KIPS	24 KIPS	0.00
	190.289						73# 13#		81	GONDOLA	34 KIPS	33 KIPS	0.00
	190.145						73# 12#		100	GONDOLA	2 KIPS	0 KIPS	0.00
0:24:29	190.920	0	15	1	225	12#	REL	37:79 .01:5	1	GM6C	0 KIPS	2 KIPS	0.00
	190.907						88# 28#		2	GM10B	2 KIPS	7 KIPS	0.00
	190.894						88# 28#		3	SD40	7 KIPS	-5 KIPS	0.00
	190.881						88# 28#		4	SD40	-5 KIPS	-7 KIPS	0.01
	190.869						70# 21#		5	SD40	-7 KIPS	-7 KIPS	0.01
	190.725						71# 17#		24	GONDOLA	-17 KIPS	-20 KIPS	0.00
	190.581						72# 16#		43	GONDOLA	9 KIPS	9 KIPS	0.00
	190.437						72# 14#		62	GONDOLA	23 KIPS	24 KIPS	0.00
	190.293						72# 13#		81	GONDOLA	35 KIPS	33 KIPS	0.00
	190.149						73# 12#		100	GONDOLA	2 KIPS	0 KIPS	0.00
0:24:30	190.924	0	15	1	225	12#	REL	37:80 .01:5	1	GM6C	0 KIPS	2 KIPS	0.00
	190.911						88# 28#		2	GM10B	2 KIPS	7 KIPS	0.00
	190.898						88# 28#		3	SD40	7 KIPS	0 KIPS	0.00
	190.886						88# 28#		4	SD40	-7 KIPS	-7 KIPS	0.01
	190.873						70# 22#		5	SD40	-7 KIPS	-7 KIPS	0.01
	190.730						71# 18#		24	GONDOLA	-8 KIPS	-12 KIPS	0.00
	190.588						71# 16#		43	GONDOLA	8 KIPS	8 KIPS	0.00
	190.442						72# 15#		62	GONDOLA	22 KIPS	22 KIPS	0.00
	190.298						72# 14#		81	GONDOLA	35 KIPS	33 KIPS	0.00
	190.154						73# 13#		100	GONDOLA	2 KIPS	0 KIPS	0.00

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STATION TIME	SPEED LMT RUN	THITLE AMPS	BRAKES SETTING TRN INO PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
							DRAMBAR FORCES FORE	AFT	
0:24:31	0	15	RUN 1	226 12# REL	1	GM6C	0 KIPS	2 KIPS	0.00
					2	GM10B	2 KIPS	7 KIPS	0.00
					3	SD40	7 KIPS	-2 KIPS	0.00
					4	SD40	-2 KIPS	-7 KIPS	0.01
					5	GONDOLA	-7 KIPS	-7 KIPS	0.01
					24	GONDOLA	-6 KIPS	-8 KIPS	0.00
					43	GONDOLA	7 KIPS	7 KIPS	0.00
					62	GONDOLA	21 KIPS	21 KIPS	0.00
					81	GONDOLA	33 KIPS	33 KIPS	0.00
					100	GONDOLA	35 KIPS	0 KIPS	0.00
0:24:32	0	15	RUN 1	226 12# REL	1	GM6C	0 KIPS	2 KIPS	0.00
					2	GM10B	2 KIPS	7 KIPS	0.00
					3	SD40	7 KIPS	0 KIPS	0.00
					4	SD40	0 KIPS	-7 KIPS	0.01
					5	GONDOLA	-7 KIPS	-7 KIPS	0.01
					24	GONDOLA	-4 KIPS	-5 KIPS	0.00
					43	GONDOLA	8 KIPS	8 KIPS	0.00
					62	GONDOLA	19 KIPS	20 KIPS	0.00
					81	GONDOLA	35 KIPS	33 KIPS	0.00
					100	GONDOLA	2 KIPS	0 KIPS	0.00
0:24:33	0	15	RUN 1	227 12# REL	1	GM6C	0 KIPS	2 KIPS	0.00
					2	GM10B	2 KIPS	7 KIPS	0.00
					3	SD40	7 KIPS	0 KIPS	0.00
					4	SD40	0 KIPS	-7 KIPS	0.01
					5	GONDOLA	-7 KIPS	-7 KIPS	0.01
					24	GONDOLA	-4 KIPS	-4 KIPS	0.00
					43	GONDOLA	5 KIPS	8 KIPS	0.00
					62	GONDOLA	18 KIPS	19 KIPS	0.00
					81	GONDOLA	34 KIPS	34 KIPS	0.00
					100	GONDOLA	2 KIPS	0 KIPS	0.00
0:24:34	0	14	RUN 1	227 12# REL	1	GM6C	0 KIPS	2 KIPS	0.00
					2	GM10B	2 KIPS	7 KIPS	0.00
					3	SD40	7 KIPS	0 KIPS	0.00
					4	SD40	0 KIPS	-7 KIPS	0.01
					5	GONDOLA	-7 KIPS	-4 KIPS	0.00
					24	GONDOLA	-4 KIPS	-4 KIPS	0.00
					43	GONDOLA	4 KIPS	5 KIPS	0.00
					62	GONDOLA	17 KIPS	18 KIPS	0.00
					81	GONDOLA	33 KIPS	34 KIPS	0.00
					100	GONDOLA	2 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THRTLE 1	AMPS 228	12# REL	BRAKES TRN IND PIPE CYL	SETTING 12#	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
												FORE	AFT	
0:24:35	190.945	0	14	RUN	1	228	12#	REL	88# 28#	1	GM6C	0 KIPS	2 KIPS	0.00
	190.932					88# 28#			88# 28#	2	GM10B	2 KIPS	7 KIPS	0.00
	190.918					88# 28#			SD40	3	SD40	0 KIPS	0 KIPS	0.00
	190.906					88# 28#			SD40	4	SD40	-7 KIPS	-7 KIPS	0.01
	190.894					88# 25#			GONDOLA	5	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.750					70# 21#			GONDOLA	24	GONDOLA	-5 KIPS	-4 KIPS	0.00
	190.906					70# 19#			GONDOLA	43	GONDOLA	4 KIPS	4 KIPS	0.00
	190.482					71# 18#			GONDOLA	82	GONDOLA	16 KIPS	17 KIPS	0.00
	190.318					71# 17#			GONDOLA	81	GONDOLA	32 KIPS	32 KIPS	0.00
	190.174					71# 16#			GONDOLA	100	GONDOLA	0 KIPS	0 KIPS	0.00
0:24:36	190.949	0	14	RUN	1	228	12#	REL	88# 28#	1	GM6C	0 KIPS	2 KIPS	0.00
	190.935					88# 28#			88# 28#	2	GM10B	2 KIPS	7 KIPS	0.00
	190.922					88# 28#			SD40	3	SD40	0 KIPS	0 KIPS	0.00
	190.910					88# 28#			SD40	4	SD40	-7 KIPS	-7 KIPS	0.01
	190.898					88# 28#			GONDOLA	5	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.754					89# 22#			GONDOLA	24	GONDOLA	-5 KIPS	-4 KIPS	0.00
	190.910					70# 20#			GONDOLA	43	GONDOLA	3 KIPS	4 KIPS	0.00
	190.488					70# 18#			GONDOLA	82	GONDOLA	16 KIPS	16 KIPS	0.00
	190.322					71# 17#			GONDOLA	81	GONDOLA	30 KIPS	31 KIPS	0.00
	190.178					71# 16#			GONDOLA	100	GONDOLA	2 KIPS	0 KIPS	0.00
0:24:37	190.952	0	14	RUN	1	229	12#	REL	88# 28#	1	GM6C	0 KIPS	4 KIPS	0.00
	190.939					88# 28#			88# 28#	2	GM10B	4 KIPS	10 KIPS	0.00
	190.926					88# 28#			SD40	3	SD40	10 KIPS	13 KIPS	0.00
	190.914					88# 28#			SD40	4	SD40	13 KIPS	-7 KIPS	0.00
	190.902					88# 26#			GONDOLA	5	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.758					89# 22#			GONDOLA	24	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.914					70# 20#			GONDOLA	43	GONDOLA	3 KIPS	3 KIPS	0.00
	190.470					70# 19#			GONDOLA	82	GONDOLA	16 KIPS	16 KIPS	0.00
	190.326					71# 18#			GONDOLA	81	GONDOLA	29 KIPS	30 KIPS	0.00
	190.182					71# 17#			GONDOLA	100	GONDOLA	2 KIPS	0 KIPS	0.00
0:24:38	190.956	0	13	RUN	1	230	12#	REL	88# 28#	1	GM6C	0 KIPS	4 KIPS	0.00
	190.943					88# 28#			88# 28#	2	GM10B	4 KIPS	11 KIPS	0.00
	190.930					88# 28#			SD40	3	SD40	11 KIPS	5 KIPS	0.00
	190.918					88# 28#			SD40	4	SD40	5 KIPS	0 KIPS	0.00
	190.905					88# 27#			GONDOLA	5	GONDOLA	0 KIPS	-1 KIPS	0.00
	190.761					89# 23#			GONDOLA	24	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.917					70# 21#			GONDOLA	43	GONDOLA	2 KIPS	3 KIPS	0.00
	190.474					70# 20#			GONDOLA	82	GONDOLA	14 KIPS	15 KIPS	0.00
	190.330					70# 18#			GONDOLA	81	GONDOLA	28 KIPS	29 KIPS	0.00
	190.186					71# 17#			GONDOLA	100	GONDOLA	2 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS	SETTING TRN IND	BRAKES PIPE CYL	PRESSURE (AND LOCATION)	MAXIMUMS KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO
0:24:39	190.860	0	13	1	230	12#	REL	68# 28#	1	GM8C	0 KIPS	0.00
	190.847							68# 28#	2	GM10B	4 KIPS	0.00
	190.934							68# 28#	3	SD40	11 KIPS	0.00
	190.921							68# 28#	4	SD40	5 KIPS	0.00
	190.909							68# 28#	5	GONDOLA	0 KIPS	0.00
	190.785							68# 23#	24	GONDOLA	-2 KIPS	0.00
	190.621							69# 21#	43	GONDOLA	2 KIPS	0.00
	190.477							70# 20#	62	GONDOLA	14 KIPS	0.00
	190.333							70# 19#	81	GONDOLA	28 KIPS	0.00
	190.189							71# 18#	100	GONDOLA	0 KIPS	0.00
0:24:40	190.963	0	13	1	231	12#	REL	68# 28#	1	GM8C	0 KIPS	0.00
	190.950							68# 28#	2	GM10B	4 KIPS	0.00
	190.937							68# 28#	3	SD40	11 KIPS	0.00
	190.925							68# 28#	4	SD40	0 KIPS	0.01
	190.913							68# 28#	5	GONDOLA	-22 KIPS	0.01
	190.769							69# 24#	24	GONDOLA	-7 KIPS	0.00
	190.625							69# 22#	43	GONDOLA	2 KIPS	0.00
	190.481							70# 21#	62	GONDOLA	13 KIPS	0.00
	190.337							70# 19#	81	GONDOLA	27 KIPS	0.00
	190.193							70# 18#	100	GONDOLA	0 KIPS	0.00
0:24:41	190.967	0	13	1	232	12#	REL	68# 28#	1	GM8C	0 KIPS	0.00
	190.954							68# 28#	2	GM10B	2 KIPS	0.00
	190.941							68# 28#	3	SD40	7 KIPS	0.00
	190.929							68# 28#	4	SD40	0 KIPS	0.01
	190.918							68# 28#	5	GONDOLA	-8 KIPS	0.01
	190.772							68# 25#	24	GONDOLA	-5 KIPS	0.00
	190.628							69# 23#	43	GONDOLA	1 KIPS	0.00
	190.484							70# 21#	62	GONDOLA	12 KIPS	0.00
	190.340							70# 20#	81	GONDOLA	25 KIPS	0.00
	190.197							70# 19#	100	GONDOLA	2 KIPS	0.00
0:24:42	190.970	0	12	1	232	12#	REL	68# 28#	1	GM8C	0 KIPS	0.00
	190.957							68# 28#	2	GM10B	-3 KIPS	0.00
	190.944							68# 28#	3	SD40	-16 KIPS	0.00
	190.932							68# 28#	4	SD40	-14 KIPS	0.01
	190.920							68# 28#	5	GONDOLA	-11 KIPS	0.03
	190.776							68# 25#	24	GONDOLA	-7 KIPS	0.00
	190.632							69# 23#	43	GONDOLA	1 KIPS	0.00
	190.488							69# 22#	62	GONDOLA	12 KIPS	0.00
	190.344							70# 20#	81	GONDOLA	25 KIPS	0.00
	190.200							70# 19#	100	GONDOLA	2 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THTLT RUN 1	AMPS 232 12#	SETTING REL	BRAKES TRN IND PIPE CVL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES		L/V RATIO
									IDENTIFIER	DRANBAR FORCES FORE AFT	
0:24:43	190.974	0	12	1	232 12#	REL	38:3 .00:	1	GMBC	0 KIPS	0.00
	190.981					68# 28#		2	GM108	38 KIPS	0.00
	190.948					68# 28#		3	SD40	19 KIPS	0.00
	190.935					68# 28#		4	SD40	18 KIPS	0.00
	190.923					68# 28#		5	GONDOLA	-11 KIPS	0.00
	190.779					68# 28#		24	GONDOLA	-8 KIPS	0.00
	190.635					68# 24#		43	GONDOLA	2 KIPS	0.00
	190.635					68# 24#		62	GONDOLA	12 KIPS	0.00
	190.491					68# 22#		81	GONDOLA	24 KIPS	0.00
	190.347					70# 21#		100	GONDOLA	0 KIPS	0.00
	190.203					70# 20#					
0:24:44	190.977	0	12	1	232 12#	REL	50:2 .00:	1	GMBC	50 KIPS	0.00
	190.984					68# 28#		2	GM108	34 KIPS	0.00
	190.951					68# 28#		3	SD40	17 KIPS	0.00
	190.939					68# 28#		4	SD40	0 KIPS	0.00
	190.927					68# 28#		5	GONDOLA	-1 KIPS	0.00
	190.783					68# 26#		24	GONDOLA	-2 KIPS	0.00
	190.639					68# 24#		43	GONDOLA	2 KIPS	0.00
	190.495					68# 23#		62	GONDOLA	11 KIPS	0.00
	190.351					68# 21#		81	GONDOLA	23 KIPS	0.00
	190.207					70# 20#		100	GONDOLA	2 KIPS	0.00
0:24:45	190.981	0	12	1	234 12#	REL	26:87 .00:	1	GMBC	4 KIPS	0.00
	190.987					68# 28#		2	GM108	10 KIPS	0.00
	190.954					68# 28#		3	SD40	9 KIPS	0.00
	190.942					68# 28#		4	SD40	13 KIPS	0.00
	190.930					68# 28#		5	GONDOLA	0 KIPS	0.00
	190.786					68# 27#		24	GONDOLA	-2 KIPS	0.00
	190.642					68# 25#		43	GONDOLA	1 KIPS	0.00
	190.498					68# 23#		62	GONDOLA	10 KIPS	0.00
	190.354					68# 22#		81	GONDOLA	23 KIPS	0.00
	190.210					70# 21#		100	GONDOLA	2 KIPS	0.00
0:24:46	190.984	0	11	1	234 12#	REL	26:88 .00:	1	GMBC	4 KIPS	0.00
	190.971					68# 28#		2	GM108	10 KIPS	0.00
	190.958					68# 28#		3	SD40	5 KIPS	0.00
	190.945					68# 28#		4	SD40	0 KIPS	0.00
	190.933					68# 28#		5	GONDOLA	-1 KIPS	0.00
	190.789					68# 27#		24	GONDOLA	0 KIPS	0.00
	190.645					68# 25#		43	GONDOLA	1 KIPS	0.00
	190.501					68# 24#		62	GONDOLA	10 KIPS	0.00
	190.357					68# 22#		81	GONDOLA	21 KIPS	0.00
	190.213					68# 21#		100	GONDOLA	2 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	BRAKES PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:24:47	190.987	0	11	1	235	12#	REL	88# 28#	1	GM8C	0 KIPS	4 KIPS	0.00
	190.974							88# 28#	2	GM10B	4 KIPS	10 KIPS	0.00
	190.961							88# 28#	3	SD40	10 KIPS	5 KIPS	0.00
	190.948							88# 28#	4	SD40	5 KIPS	0 KIPS	0.00
	190.936							88# 28#	5	GONDOLA	0 KIPS	7 KIPS	0.00
	190.792							67# 28#	24	GONDOLA	-1 KIPS	1 KIPS	0.00
	190.792							88# 26#	43	GONDOLA	0 KIPS	1 KIPS	0.00
	190.648							88# 24#	62	GONDOLA	9 KIPS	10 KIPS	0.00
	190.504							69# 23#	81	GONDOLA	20 KIPS	21 KIPS	0.00
	190.360							88# 22#	100	GONDOLA	2 KIPS	0 KIPS	0.00
0:24:48	190.216	0	11	1	236	12#	REL	88# 28#	1	GM8C	0 KIPS	4 KIPS	0.00
	190.990							88# 28#	2	GM10B	4 KIPS	10 KIPS	0.00
	190.977							88# 28#	3	SD40	10 KIPS	5 KIPS	0.00
	190.964							88# 28#	4	SD40	5 KIPS	0 KIPS	0.00
	190.951							88# 28#	5	GONDOLA	0 KIPS	0 KIPS	0.00
	190.939							88# 28#	24	GONDOLA	0 KIPS	1 KIPS	0.00
	190.795							67# 28#	43	GONDOLA	0 KIPS	1 KIPS	0.00
	190.651							88# 26#	62	GONDOLA	9 KIPS	9 KIPS	0.00
	190.507							88# 25#	81	GONDOLA	19 KIPS	20 KIPS	0.00
	190.363							69# 23#	100	GONDOLA	2 KIPS	0 KIPS	0.00
0:24:49	190.219	0	11	1	236	12#	REL	88# 28#	1	GM8C	0 KIPS	4 KIPS	0.00
	190.993							88# 28#	2	GM10B	4 KIPS	10 KIPS	0.00
	190.980							88# 28#	3	SD40	10 KIPS	5 KIPS	0.00
	190.967							88# 28#	4	SD40	5 KIPS	0 KIPS	0.00
	190.954							88# 28#	5	GONDOLA	0 KIPS	0 KIPS	0.00
	190.942							88# 28#	24	GONDOLA	0 KIPS	1 KIPS	0.00
	190.798							67# 28#	43	GONDOLA	0 KIPS	1 KIPS	0.00
	190.654							88# 27#	62	GONDOLA	8 KIPS	8 KIPS	0.00
	190.510							88# 25#	81	GONDOLA	19 KIPS	18 KIPS	0.00
	190.366							69# 24#	100	GONDOLA	2 KIPS	0 KIPS	0.00
0:24:50	190.222	0	10	1	237	12#	REL	88# 28#	1	GM8C	0 KIPS	0 KIPS	0.00
	190.998							88# 28#	2	GM10B	3 KIPS	8 KIPS	0.00
	190.983							88# 28#	3	SD40	8 KIPS	0 KIPS	0.00
	190.970							88# 28#	4	SD40	0 KIPS	-18 KIPS	0.00
	190.957							88# 28#	5	GONDOLA	-28 KIPS	-28 KIPS	0.00
	190.945							88# 28#	24	GONDOLA	0 KIPS	0 KIPS	0.00
	190.801							87# 28#	43	GONDOLA	0 KIPS	1 KIPS	0.00
	190.657							87# 27#	62	GONDOLA	8 KIPS	8 KIPS	0.00
	190.513							88# 28#	81	GONDOLA	18 KIPS	18 KIPS	0.00
	190.369							88# 24#	100	GONDOLA	2 KIPS	0 KIPS	0.00
	190.225							69# 23#					

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES SETTING IND	PRESSURE PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRABBAR FORCES FORE	DRABBAR FORCES AFT	
0:24:51	190.999	0	10	1	237	12#	REL	88# 28#	GMBC	0 KIPS	8 KIPS	0.00
	190.986							88# 28#	GM10B	8 KIPS	17 KIPS	0.00
	190.972							88# 28#	SD40	17 KIPS	26 KIPS	0.00
	190.960							88# 28#	SD40	26 KIPS	0 KIPS	0.00
	190.948							88# 28#	GONDOLA	0 KIPS	-19 KIPS	0.00
	190.936							87# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.924							87# 28#	GONDOLA	0 KIPS	1 KIPS	0.00
	190.912							87# 28#	GONDOLA	7 KIPS	8 KIPS	0.00
	190.900							88# 26#	GONDOLA	17 KIPS	18 KIPS	0.00
	190.888							88# 25#	GONDOLA	2 KIPS	0 KIPS	0.00
	190.876							89# 24#	GMBC	0 KIPS	4 KIPS	0.00
	190.864							88# 28#	GM10B	4 KIPS	9 KIPS	0.00
0:24:52	191.000	0	10	1	238	12#	REL	88# 28#	SD40	9 KIPS	12 KIPS	0.00
	190.987							88# 28#	SD40	12 KIPS	15 KIPS	0.00
	190.974							88# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.962							88# 28#	GONDOLA	0 KIPS	1 KIPS	0.00
	190.949							67# 28#	GONDOLA	0 KIPS	3 KIPS	0.00
	190.935							67# 28#	GONDOLA	17 KIPS	17 KIPS	0.00
	190.921							68# 25#	GONDOLA	2 KIPS	0 KIPS	0.00
	190.907							68# 24#	GMBC	0 KIPS	4 KIPS	0.00
	190.893							68# 28#	GM10B	4 KIPS	9 KIPS	0.00
	190.880							68# 28#	SD40	5 KIPS	0 KIPS	0.00
	190.867							68# 28#	SD40	0 KIPS	0 KIPS	0.00
	190.854							67# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
0:24:53	191.003	0	10	1	238	12#	REL	88# 28#	GMBC	0 KIPS	4 KIPS	0.00
	190.990							88# 28#	GM10B	4 KIPS	9 KIPS	0.00
	190.977							88# 28#	SD40	9 KIPS	12 KIPS	0.00
	190.964							88# 28#	SD40	12 KIPS	15 KIPS	0.00
	190.952							88# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.940							87# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.928							87# 28#	GONDOLA	11 KIPS	9 KIPS	0.00
	190.916							88# 27#	GONDOLA	7 KIPS	8 KIPS	0.00
	190.904							88# 26#	GONDOLA	16 KIPS	17 KIPS	0.00
	190.892							88# 25#	GONDOLA	2 KIPS	0 KIPS	0.00
	190.880							88# 28#	GMBC	0 KIPS	4 KIPS	0.00
	190.868							88# 28#	GM10B	4 KIPS	9 KIPS	0.00
0:24:54	191.005	0	9	1	238	12#	REL	88# 28#	SD40	9 KIPS	12 KIPS	0.00
	190.992							88# 28#	SD40	12 KIPS	15 KIPS	0.00
	190.979							88# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.967							88# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.954							87# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.941							87# 28#	GONDOLA	14 KIPS	12 KIPS	0.00
	190.929							87# 28#	GONDOLA	8 KIPS	8 KIPS	0.00
	190.917							87# 27#	GONDOLA	16 KIPS	16 KIPS	0.00
	190.905							88# 26#	GONDOLA	2 KIPS	0 KIPS	0.00
	190.893							88# 25#	GMBC	0 KIPS	4 KIPS	0.00
	190.881							88# 28#	GM10B	4 KIPS	9 KIPS	0.00
	190.869							88# 28#	SD40	5 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LIMIT RUN	THTLT AMP	SETTING TRN INO PIPE	PRESSURE CYL	BRAKES	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0:24:55	191.008	0	8	RUN	1	239	12# REL	68# 28#	GMBC	0 KIPS	4 KIPS	0.00
	190.985							68# 28#	GM10B	4 KIPS	9 KIPS	0.00
	190.982							68# 28#	SD40	9 KIPS	5 KIPS	0.00
	190.989							68# 28#	SD40	2 KIPS	2 KIPS	0.00
	190.957							68# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.813							67# 28#	GONDOLA	15 KIPS	13 KIPS	0.00
	190.869							67# 28#	GONDOLA	8 KIPS	9 KIPS	0.00
	190.525							67# 28#	GONDOLA	16 KIPS	16 KIPS	0.00
	190.381							68# 25#	GONDOLA	2 KIPS	0 KIPS	0.00
	190.237							68# 28#	GMBC	4 KIPS	4 KIPS	0.00
0:24:58	191.010	0	9	RUN	1	239	12# REL	68# 28#	GM10B	4 KIPS	9 KIPS	0.00
	190.997							68# 28#	SD40	9 KIPS	5 KIPS	0.00
	190.984							68# 28#	SD40	5 KIPS	0 KIPS	0.00
	190.972							68# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.959							67# 28#	GONDOLA	15 KIPS	13 KIPS	0.00
	190.816							67# 28#	GONDOLA	8 KIPS	9 KIPS	0.00
	190.872							67# 27#	GONDOLA	16 KIPS	16 KIPS	0.00
	190.528							68# 28#	GONDOLA	2 KIPS	0 KIPS	0.00
	190.384							68# 28#	GMBC	4 KIPS	4 KIPS	0.00
	190.240							68# 28#	GM10B	4 KIPS	9 KIPS	0.00
0:24:57	191.013	0	8	RUN	1	240	12# REL	68# 28#	SD40	9 KIPS	4 KIPS	0.00
	191.000							68# 28#	SD40	4 KIPS	0 KIPS	0.00
	190.986							68# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.974							68# 28#	GONDOLA	14 KIPS	11 KIPS	0.00
	190.962							67# 28#	GONDOLA	9 KIPS	16 KIPS	0.00
	190.818							67# 28#	GONDOLA	2 KIPS	0 KIPS	0.00
	190.874							67# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.530							67# 27#	GONDOLA	3 KIPS	9 KIPS	0.00
	190.386							68# 28#	GMBC	4 KIPS	4 KIPS	0.00
	190.242							68# 28#	GM10B	4 KIPS	9 KIPS	0.00
0:24:58	191.015	0	8	RUN	1	240	12# REL	68# 28#	SD40	9 KIPS	4 KIPS	0.00
	191.002							68# 28#	SD40	4 KIPS	0 KIPS	0.00
	190.989							68# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.976							68# 28#	GONDOLA	14 KIPS	11 KIPS	0.00
	190.964							67# 28#	GONDOLA	9 KIPS	16 KIPS	0.00
	190.820							67# 28#	GONDOLA	2 KIPS	0 KIPS	0.00
	190.676							67# 28#	GONDOLA	3 KIPS	9 KIPS	0.00
	190.532							67# 28#	GONDOLA	4 KIPS	4 KIPS	0.00
	190.388							67# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.244							68# 27#	GONDOLA	12 KIPS	9 KIPS	0.00

QCM E-D-96/5/

STATION TIME	MP	SPEED LMT	THYLE RUN	AMPS REL	BRAKES SETTING REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRABAR FORCES FORE	AFT	
0:24:59	191.017	0	8	RUN 1	241 12# REL	35:35 .00:	1	GM6C	0 KIPS	3 KIPS	0.00
	191.004				68# 28#		2	GM10B	3 KIPS	8 KIPS	0.00
	190.991				68# 28#		3	SD40	4 KIPS	4 KIPS	0.00
	190.979				68# 28#		4	SD40	0 KIPS	0 KIPS	0.00
	190.968				68# 28#		5	GONDOLA	0 KIPS	0 KIPS	0.00
	190.822				67# 28#		24	GONDOLA	0 KIPS	0 KIPS	0.00
	190.878				67# 28#		43	GONDOLA	7 KIPS	10 KIPS	0.00
	190.878				67# 28#		62	GONDOLA	9 KIPS	16 KIPS	0.00
	190.534				67# 28#		81	GONDOLA	16 KIPS	16 KIPS	0.00
	190.380				67# 28#		100	GONDOLA	2 KIPS	0 KIPS	0.00
0:25: 0	190.247				68# 28#		1	GM6C	0 KIPS	3 KIPS	0.00
	191.019	0	7	RUN 1	241 12# REL	40:33 .00:	2	GM10B	3 KIPS	8 KIPS	0.00
	191.008				68# 28#		3	SD40	7 KIPS	7 KIPS	0.00
	190.993				68# 28#		4	SD40	8 KIPS	0 KIPS	0.00
	190.981				68# 28#		5	GONDOLA	9 KIPS	10 KIPS	0.00
	190.968				67# 28#		24	GONDOLA	0 KIPS	0 KIPS	0.00
	190.824				67# 28#		43	GONDOLA	4 KIPS	4 KIPS	0.00
	190.880				67# 28#		62	GONDOLA	9 KIPS	10 KIPS	0.00
	190.536				67# 28#		81	GONDOLA	15 KIPS	16 KIPS	0.00
	190.393				67# 28#		100	GONDOLA	3 KIPS	0 KIPS	0.00
0:25: 0	190.249				68# 28#		1	GM6C	0 KIPS	3 KIPS	0.00
	191.020	0	7	RUN 1	241 12# REL	41:32 .00:	2	GM10B	3 KIPS	8 KIPS	0.00
	191.007				68# 28#		3	SD40	8 KIPS	4 KIPS	0.00
	190.994				68# 28#		4	SD40	1 KIPS	1 KIPS	0.00
	190.982				68# 28#		5	GONDOLA	0 KIPS	0 KIPS	0.00
	190.969				67# 28#		24	GONDOLA	0 KIPS	0 KIPS	0.00
	190.825				67# 28#		43	GONDOLA	4 KIPS	4 KIPS	0.00
	190.881				67# 28#		62	GONDOLA	10 KIPS	10 KIPS	0.00
	190.537				67# 28#		81	GONDOLA	15 KIPS	16 KIPS	0.00
	190.393				67# 28#		100	GONDOLA	3 KIPS	0 KIPS	0.00
0:25: 1	190.249				67# 28#		1	GM6C	0 KIPS	3 KIPS	0.00
	191.022	0	7	RUN 1	242 12# REL	43:31 .00:	2	GM10B	3 KIPS	8 KIPS	0.00
	191.009				68# 28#		3	SD40	8 KIPS	9 KIPS	0.00
	190.996				68# 28#		4	SD40	9 KIPS	12 KIPS	0.00
	190.983				68# 28#		5	GONDOLA	12 KIPS	14 KIPS	0.00
	190.971				68# 28#		24	GONDOLA	0 KIPS	0 KIPS	0.00
	190.827				67# 28#		43	GONDOLA	4 KIPS	4 KIPS	0.00
	190.883				67# 28#		62	GONDOLA	8 KIPS	10 KIPS	0.00
	190.539				67# 28#		81	GONDOLA	15 KIPS	15 KIPS	0.00
	190.395				67# 28#		100	GONDOLA	3 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 1	242	12#	REL	BRAKES TRN IND PIPE CYL	SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
													DRUMBAR FORCES FORE	AFT	
0:25: 2	191.024	0	7	RUN	1	242	12#	REL	68# 28#	46:28 .00:	1	GM6C	0 KIPS	3 KIPS	0.00
	181.011								68# 28#				3 KIPS	8 KIPS	0.00
	190.988								68# 28#				8 KIPS	5 KIPS	0.00
	190.985								68# 28#				5 KIPS	2 KIPS	0.00
	190.973								68# 28#				2 KIPS	1 KIPS	0.00
	190.829								67# 28#			GONDOLA	0 KIPS	0 KIPS	0.00
	190.285								67# 28#				4 KIPS	5 KIPS	0.00
	190.541								67# 28#			GONDOLA	9 KIPS	10 KIPS	0.00
	190.397								67# 28#			GONDOLA	15 KIPS	15 KIPS	0.00
	190.253								67# 28#			GONDOLA	3 KIPS	0 KIPS	0.00
0:25: 3	191.026	0	8	RUN	1	243	12#	REL	68# 28#	47:27 .00:	1	GM6C	0 KIPS	3 KIPS	0.00
	191.012								68# 28#				3 KIPS	8 KIPS	0.00
	190.999								68# 28#				8 KIPS	9 KIPS	0.00
	190.987								68# 28#				9 KIPS	12 KIPS	0.00
	190.875								68# 28#			GONDOLA	12 KIPS	13 KIPS	0.00
	190.831								67# 28#				0 KIPS	0 KIPS	0.00
	190.887								67# 28#			GONDOLA	4 KIPS	5 KIPS	0.00
	190.543								67# 28#			GONDOLA	9 KIPS	9 KIPS	0.00
	190.399								67# 28#			GONDOLA	14 KIPS	14 KIPS	0.00
	190.255								67# 28#			GONDOLA	3 KIPS	0 KIPS	0.00
0:25: 4	191.027	0	8	RUN	1	243	12#	REL	68# 28#	49:24 .00:	1	GM6C	0 KIPS	3 KIPS	0.00
	191.014								68# 28#				3 KIPS	8 KIPS	0.00
	191.001								68# 28#				8 KIPS	5 KIPS	0.00
	190.989								68# 28#				5 KIPS	3 KIPS	0.00
	190.876								68# 28#			GONDOLA	3 KIPS	2 KIPS	0.00
	190.832								67# 28#				49 KIPS	48 KIPS	0.00
	190.889								67# 28#			GONDOLA	5 KIPS	5 KIPS	0.00
	190.545								67# 28#			GONDOLA	9 KIPS	10 KIPS	0.00
	190.401								67# 28#			GONDOLA	14 KIPS	14 KIPS	0.00
	190.257								67# 28#			GONDOLA	3 KIPS	0 KIPS	0.00
0:25: 5	191.029	0	8	RUN	1	244	12#	REL	68# 28#	50:22 .00:	1	GM6C	0 KIPS	3 KIPS	0.00
	191.016								68# 28#				3 KIPS	7 KIPS	0.00
	191.003								68# 28#				7 KIPS	8 KIPS	0.00
	190.990								68# 28#			GONDOLA	8 KIPS	10 KIPS	0.00
	190.978								68# 28#				10 KIPS	12 KIPS	0.00
	190.834								67# 28#			GONDOLA	44 KIPS	39 KIPS	0.00
	190.690								67# 28#			GONDOLA	5 KIPS	5 KIPS	0.00
	190.548								67# 28#			GONDOLA	9 KIPS	10 KIPS	0.00
	190.402								67# 28#			GONDOLA	14 KIPS	14 KIPS	0.00
	190.258								67# 28#			GONDOLA	3 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THRTLE AMP	SETTING TRN IND PIPE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
0:25: 6	191.030	0	5	RUN 1	244 12# REL	53:19 .00:	1	GM8C	0 KIPS	3 KIPS	0.00
	191.017				88# 28#		2	GM10B	3 KIPS	7 KIPS	0.00
	191.004				88# 28#		3	SD40	7 KIPS	9 KIPS	0.00
	190.992				88# 28#		4	SD40	12 KIPS	14 KIPS	0.00
	190.978				88# 28#		5	GONDOLA	35 KIPS	30 KIPS	0.00
	190.836				67# 28#		24	GONDOLA	5 KIPS	6 KIPS	0.00
	190.892				67# 28#		43	GONDOLA	9 KIPS	10 KIPS	0.00
	190.548				67# 28#		62	GONDOLA	14 KIPS	14 KIPS	0.00
	190.404				67# 28#		81	GONDOLA	3 KIPS	0 KIPS	0.00
	190.260				67# 28#		100	GONDOLA	0 KIPS	0 KIPS	0.00
-----> IDLE											
0:25: 7	191.032	0	5	IDLE	0 12# REL	-65:6 .01:5	1	GM8C	0 KIPS	0 KIPS	0.00
	191.019				88# 28#		2	GM10B	0 KIPS	0 KIPS	0.00
	191.005				88# 28#		3	SD40	0 KIPS	-48 KIPS	0.01
	190.993				88# 28#		4	SD40	-48 KIPS	-85 KIPS	0.01
	190.981				88# 28#		5	GONDOLA	21 KIPS	16 KIPS	0.00
	190.837				67# 28#		24	GONDOLA	5 KIPS	5 KIPS	0.00
	190.893				67# 28#		43	GONDOLA	9 KIPS	9 KIPS	0.00
	190.548				67# 28#		62	GONDOLA	13 KIPS	13 KIPS	0.00
	190.405				67# 28#		81	GONDOLA	3 KIPS	0 KIPS	0.00
	190.261				67# 28#		100	GONDOLA	0 KIPS	0 KIPS	0.00
0:25: 8	191.033	0	4	IDLE	0 12# REL	-94:4 .02:4	1	GM8C	0 KIPS	0 KIPS	0.00
	191.020				88# 28#		2	GM10B	0 KIPS	0 KIPS	0.00
	191.007				88# 28#		3	SD40	0 KIPS	-94 KIPS	0.01
	190.994				88# 28#		4	SD40	-94 KIPS	-81 KIPS	0.02
	190.982				88# 28#		5	GONDOLA	11 KIPS	-44 KIPS	0.02
	190.838				67# 28#		24	GONDOLA	5 KIPS	5 KIPS	0.00
	190.894				67# 28#		43	GONDOLA	9 KIPS	9 KIPS	0.00
	190.550				67# 28#		62	GONDOLA	13 KIPS	13 KIPS	0.00
	190.406				67# 28#		81	GONDOLA	3 KIPS	0 KIPS	0.00
	190.262				67# 28#		100	GONDOLA	0 KIPS	0 KIPS	0.00
0:25: 9	191.034	0	4	IDLE	0 12# REL	-124:3 .05:4	1	GM8C	0 KIPS	-60 KIPS	0.01
	191.021				88# 28#		2	GM10B	-124 KIPS	-124 KIPS	0.03
	191.008				88# 28#		3	SD40	-91 KIPS	-91 KIPS	0.05
	190.996				88# 28#		4	SD40	-79 KIPS	-79 KIPS	0.05
	190.983				88# 28#		5	GONDOLA	2 KIPS	-2 KIPS	0.04
	190.839				67# 28#		24	GONDOLA	5 KIPS	6 KIPS	0.00
	190.895				67# 28#		43	GONDOLA	9 KIPS	9 KIPS	0.00
	190.551				67# 28#		62	GONDOLA	12 KIPS	13 KIPS	0.00
	190.408				67# 28#		81	GONDOLA	3 KIPS	0 KIPS	0.00
	190.264				67# 28#		100	GONDOLA	0 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THRLT IDLE	AMPS 0 12#	SETTING REL	BRAKES TRN IND PIPE CYL	PRESSURE KIPS: CAR L/V: CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	FORCES AFT	
0:25:10	191.035	0	4	IDLE	0 12#	REL	88# 28#	68:13 .08:4	1	GMBC	0 KIPS	-8 KIPS	0.02
	191.022						88# 28#		2	GM10B	-8 KIPS	-13 KIPS	0.03
	191.009						88# 28#		3	SD40	-13 KIPS	-19 KIPS	0.05
	190.997						88# 28#		4	SD40	-19 KIPS	-26 KIPS	0.06
	190.984						88# 28#		5	GONDOLA	-26 KIPS	-30 KIPS	0.04
	190.840						87# 28#		24	GONDOLA	4 KIPS	4 KIPS	0.00
	190.898						87# 28#		43	GONDOLA	7 KIPS	8 KIPS	0.00
	190.553						87# 28#		62	GONDOLA	11 KIPS	11 KIPS	0.00
	190.409						87# 28#		81	GONDOLA	14 KIPS	14 KIPS	0.00
	191.036						88# 28#		100	GONDOLA	4 KIPS	0 KIPS	0.00
0:25:11	191.023	0	3	IDLE	0 12#	REL	88# 28#	-81:14 .07:4	1	GMBC	0 KIPS	-7 KIPS	0.02
	191.010						88# 28#		2	GM10B	-7 KIPS	-14 KIPS	0.04
	190.998						88# 28#		3	SD40	-14 KIPS	-20 KIPS	0.06
	190.985						88# 28#		4	SD40	-20 KIPS	-27 KIPS	0.07
	190.841						87# 28#		5	GONDOLA	-27 KIPS	-31 KIPS	0.05
	190.897						87# 28#		24	GONDOLA	4 KIPS	4 KIPS	0.00
	190.553						87# 28#		43	GONDOLA	7 KIPS	7 KIPS	0.00
	190.410						87# 28#		62	GONDOLA	10 KIPS	10 KIPS	0.00
	191.037						87# 28#		81	GONDOLA	14 KIPS	14 KIPS	0.00
	190.266						88# 28#		100	GONDOLA	4 KIPS	0 KIPS	0.00
0:25:12	191.024	0	3	IDLE	0 12#	REL	88# 28#	-94:18 .08:4	1	GMBC	0 KIPS	-8 KIPS	0.02
	191.011						88# 28#		2	GM10B	-8 KIPS	-15 KIPS	0.04
	190.998						88# 28#		3	SD40	-15 KIPS	-23 KIPS	0.07
	190.986						88# 28#		4	SD40	-23 KIPS	-30 KIPS	0.08
	190.842						87# 28#		5	GONDOLA	-30 KIPS	-28 KIPS	0.06
	190.898						87# 28#		24	GONDOLA	3 KIPS	3 KIPS	0.00
	190.554						87# 28#		43	GONDOLA	6 KIPS	6 KIPS	0.00
	190.410						87# 28#		62	GONDOLA	9 KIPS	9 KIPS	0.00
	190.268						87# 28#		81	GONDOLA	13 KIPS	13 KIPS	0.00
	191.038						88# 28#		100	GONDOLA	4 KIPS	0 KIPS	0.00
0:25:13	191.025	0	2	IDLE	0 12#	REL	88# 28#	-108:22 .08:4	1	GMBC	0 KIPS	-9 KIPS	0.02
	191.011						88# 28#		2	GM10B	-9 KIPS	-17 KIPS	0.04
	190.999						88# 28#		3	SD40	-17 KIPS	-25 KIPS	0.08
	190.987						88# 28#		4	SD40	-25 KIPS	-33 KIPS	0.08
	190.843						87# 28#		5	GONDOLA	-33 KIPS	-31 KIPS	0.06
	190.899						87# 28#		24	GONDOLA	2 KIPS	2 KIPS	0.00
	190.555						87# 28#		43	GONDOLA	5 KIPS	5 KIPS	0.00
	190.411						87# 28#		62	GONDOLA	8 KIPS	8 KIPS	0.00
	190.267						87# 28#		81	GONDOLA	12 KIPS	12 KIPS	0.00
									100	GONDOLA	3 KIPS	0 KIPS	0.00

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PAGE NO 85

STATION TIME	MP	SPEED LMT RUN	THYLE IDLE	AMPS 0 2	BRAKES TRN IND PIPE	SETTING CYL	PRESSURE L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO
0:25:14	191.038	0	1 IDLE	0	12# REL	88# 28#	-108:26	.09:4	1	GMBC	0 KIPS	0.02
	191.025					88# 28#			2	GM10B	-9 KIPS	0.05
	191.012					88# 28#			3	SD40	-18 KIPS	0.08
	191.000					88# 28#			4	SD40	-28 KIPS	0.09
	190.987					88# 28#			5	GONDOLA	-35 KIPS	0.07
	190.843					87# 28#			24	GONDOLA	-107 KIPS	0.00
	190.699					87# 28#			62	GONDOLA	4 KIPS	0.00
	190.556					87# 28#			81	GONDOLA	8 KIPS	0.00
	190.412					87# 28#			100	GONDOLA	11 KIPS	0.00
0:25:15	191.038	0	1 IDLE	0	12# REL	88# 28#	-115:30	.09:4	1	GMBC	0 KIPS	0.02
	191.026					88# 28#			2	GM10B	-10 KIPS	0.05
	191.012					88# 28#			3	SD40	-19 KIPS	0.08
	191.000					88# 28#			4	SD40	-27 KIPS	0.09
	190.988					88# 28#			5	GONDOLA	-35 KIPS	0.07
	190.844					87# 28#			24	GONDOLA	3 KIPS	0.00
	190.700					87# 28#			43	GONDOLA	7 KIPS	0.00
	190.558					87# 28#			62	GONDOLA	11 KIPS	0.00
	190.412					87# 28#			81	GONDOLA	0 KIPS	0.00
0:25:16	191.038	0	1 IDLE	0	12# REL	88# 28#	-113:32	.09:4	1	GMBC	0 KIPS	0.02
	191.026					88# 28#			2	GM10B	-10 KIPS	0.05
	191.013					88# 28#			3	SD40	-19 KIPS	0.08
	191.000					88# 28#			4	SD40	-27 KIPS	0.09
	190.988					88# 28#			5	GONDOLA	-35 KIPS	0.07
	190.844					87# 28#			24	GONDOLA	3 KIPS	0.00
	190.700					87# 28#			43	GONDOLA	7 KIPS	0.00
	190.558					87# 28#			62	GONDOLA	10 KIPS	0.00
	190.412					87# 28#			81	GONDOLA	3 KIPS	0.00
0:25:17	191.038	0	0 IDLE	0	12# REL	88# 28#	-118:40	.09:4	1	GMBC	0 KIPS	0.02
	191.026					88# 28#			2	GM10B	-10 KIPS	0.05
	191.013					88# 28#			3	SD40	-19 KIPS	0.08
	191.001					88# 28#			4	SD40	-27 KIPS	0.09
	190.988					88# 28#			5	GONDOLA	-35 KIPS	0.07
	190.844					87# 28#			24	GONDOLA	3 KIPS	0.00
	190.700					87# 28#			43	GONDOLA	7 KIPS	0.00
	190.558					87# 28#			62	GONDOLA	10 KIPS	0.00
	190.412					87# 28#			81	GONDOLA	3 KIPS	0.00
	190.269					87# 28#			100	GONDOLA	0 KIPS	0.00

-----> STOP COMPUTER RUN
MAXIMUM FORCES FOR THIS CASE

MAX. DRAFT COUPLER FORCE: 358 KIPS ON VEH. 5 AT 0: 9:49
MAX. BUFF COUPLER FORCE: -124 KIPS ON VEH. 3 AT 0:25: 9
MAXIMUM L/V: 0.51 ON VEH. 3 AT 0:10:21

QCM D-98-E/O/

TRAIN SUMMARY

LEAD LOCOMOTIVES	HELPER LOCOMOTIVES	CARS	TRAILING TONNAGE	TOTAL TONNAGE	TOTAL LENGTH
2	2	86	12088	12888	4108'

VEHICLE LISTING

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1- 2	LOCO (2)	SD40	85'	197T		M380	28"	12X40"	COMP/PL	J1.6
3- 98	CARS (98)	LG4	40'	128T		MK50	29"	8X38"	C.I.	AB
99	GM3C		89'	183T		M380	28"	12X42"	COMP/PL	J1.6
100	GM10B		89'	195T		M380	28"	12X50"	COMP/PL	J1.6

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT	COUP	GEAR	LGN	WHEELS	BRAKE	SHOES	VALVE
1- 2	LOCO	(2)	SD40	65'	197T	M380	28"	12X40"	COMP/PL	J1.8			

DYNAMIC BRAKES: TAPERED ; EXTENDED RANGE
 DYNAMIC BRAKE INTERLOCK (DBI): NO RECOVERY AFTER DYNAMIC BRAKE OFF
 INDEPENDENT PRESSURE SWITCH (IPS) ACTIVATED AT: 15 P.S.I.

SPEED (MPH):	5	15	30	45	60	75
ENGINE TRACTIVE FORCE:	70000#	63202#	31000#	20222#	15168#	12133#
ENGINE H.P. AT RAIL:	933	2528	2480	2426	2426	2426
DYNAMIC BRAKE FORCE:	34534#	53998#	48801#	32400#	24300#	19440#
DYNAMIC H.P. AT RAIL:	460	2159	3888	3888	3888	3888

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
99	GM6C		69'	183T		M380	28"	12X42"	COMP/PL	J1.6
DYNAMIC BRAKES: NONE										
TRANSITION SPEED: 20 MPH										
SPEED (MPH):										
ENGINE TRACTIVE FORCE: 12588# 5 15 30 45 60 75										
ENGINE H.P. AT RAIL: 1878 104378# 84000# 48223# 34887# 27733#										
DYNAMIC BRAKE FORCE: 0# 0# 0# 0# 0# 0#										
DYNAMIC H.P. AT RAIL: 0 0 0 0 0 0										

OCM D-98-E/O/

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES	AFT	
0: 0:30	182.893	0	3	RUN 1	278	REL	REL	80# 0# 44:3 11:84	1	SD40	0 KIPS	22 KIPS	0.00
	182.880							80# 0#	2	SD40	22 KIPS	44 KIPS	0.00
	182.868							80# 0#	3	GONDOLA	44 KIPS	32 KIPS	0.10
	182.724							80# 0#	22	GONDOLA	32 KIPS	20 KIPS	0.10
	182.580							80# 0#	41	GONDOLA	20 KIPS	-44 KIPS	0.10
	182.436							80# 0#	60	GONDOLA	8 KIPS	-18 KIPS	0.08
	182.292							80# 0#	79	GONDOLA	-17 KIPS	-31 KIPS	0.08
	182.148							80# 0#	98	GONDOLA	-30 KIPS	-18 KIPS	0.07
HELPERS	182.141							80# 0#	99	GM6C	-31 KIPS	0 KIPS	0.03
	182.128							80# 0#	100	GM10B	-16 KIPS	0 KIPS	0.03
-----> TRAIN ENTERING-0.31 % GRADE													
0: 0:40	182.902	0	4	RUN 1	250	REL	REL	-45:57 11:85	1	SD40	0 KIPS	17 KIPS	0.00
	182.880							80# 0#	2	SD40	17 KIPS	35 KIPS	0.00
	182.877							80# 0#	3	GONDOLA	35 KIPS	23 KIPS	0.10
	182.734							80# 0#	22	GONDOLA	24 KIPS	-30 KIPS	0.10
	182.590							80# 0#	41	GONDOLA	12 KIPS	-40 KIPS	0.10
	182.448							80# 0#	60	GONDOLA	-45 KIPS	-24 KIPS	0.11
	182.302							80# 0#	79	GONDOLA	-23 KIPS	-31 KIPS	0.08
	182.158							80# 0#	98	GONDOLA	-31 KIPS	-16 KIPS	0.07
HELPERS	182.150							80# 0#	99	GM6C	-31 KIPS	0 KIPS	0.03
	182.137							80# 0#	100	GM10B	-16 KIPS	0 KIPS	0.03
0: 0:50	182.914	0	5	RUN 1	222	REL	REL	-31:99 11:87	1	SD40	0 KIPS	15 KIPS	0.00
	182.891							80# 0#	2	SD40	15 KIPS	29 KIPS	0.00
	182.889							80# 0#	3	GONDOLA	29 KIPS	14 KIPS	0.10
	182.745							80# 0#	22	GONDOLA	15 KIPS	-25 KIPS	0.09
	182.601							80# 0#	41	GONDOLA	-27 KIPS	-14 KIPS	0.09
	182.457							80# 0#	60	GONDOLA	-14 KIPS	-25 KIPS	0.11
	182.313							80# 0#	79	GONDOLA	-24 KIPS	-31 KIPS	0.06
	182.169							80# 0#	98	GONDOLA	-31 KIPS	-16 KIPS	0.07
HELPERS	182.162							80# 0#	99	GM6C	-31 KIPS	0 KIPS	0.04
	182.149							80# 0#	100	GM10B	-16 KIPS	0 KIPS	0.04
0: 1: 0	182.928	0	5	RUN 1	201	REL	REL	-31:99 11:88	1	SD40	0 KIPS	12 KIPS	0.00
	182.915							80# 0#	2	SD40	12 KIPS	25 KIPS	0.00
	182.903							80# 0#	3	GONDOLA	25 KIPS	13 KIPS	0.10
	182.759							80# 0#	22	GONDOLA	13 KIPS	-20 KIPS	0.09
	182.615							80# 0#	41	GONDOLA	20 KIPS	-14 KIPS	0.09
	182.471							80# 0#	60	GONDOLA	-13 KIPS	-25 KIPS	0.11
	182.327							80# 0#	79	GONDOLA	-24 KIPS	-31 KIPS	0.06
HELPERS	182.183							80# 0#	98	GONDOLA	-31 KIPS	-18 KIPS	0.07
	182.176							80# 0#	99	GM6C	-31 KIPS	0 KIPS	0.04
	182.163							80# 0#	100	GM10B	-16 KIPS	0 KIPS	0.04

QCN D-86-E/O/

STATION TIME	MP	SPEED LMT RUN	THTLT AMP'S TRN IN D PIPE CYL	BRAKES SETTING PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRAWBAR FORCES FORE	DRAWBAR FORCES AFT	
O: 1:10	182.944	0	8 RUN 1	188 REL REL	80# 0#	1	SD40	0 KIPS	11 KIPS	0.00
	182.931				80# 0#	2	SD40	11 KIPS	22 KIPS	0.00
	182.919				80# 0#	3	GONDOLA	22 KIPS	22 KIPS	0.00
	182.775				80# 0#	22	GONDOLA	14 KIPS	14 KIPS	0.10
	182.631				80# 0#	41	GONDOLA	14 KIPS	16 KIPS	0.09
	182.487				80# 0#	60	GONDOLA	-10 KIPS	-11 KIPS	0.09
	182.343				80# 0#	79	GONDOLA	-22 KIPS	-22 KIPS	0.10
	182.343				80# 0#	98	GONDOLA	-31 KIPS	-31 KIPS	0.08
	182.199				80# 0#	99	GM6C	-16 KIPS	-16 KIPS	0.03
	182.192				80# 0#	100	GM10B	0 KIPS	10 KIPS	0.00
HELPERS	182.179				80# 0#	1	SD40	10 KIPS	20 KIPS	0.00
	182.962	0	7 RUN 1	173 REL REL	80# 0#	2	SD40	20 KIPS	20 KIPS	0.00
	182.949				80# 0#	3	GONDOLA	13 KIPS	13 KIPS	0.10
	182.937				80# 0#	22	GONDOLA	4 KIPS	4 KIPS	0.09
	182.793				80# 0#	41	GONDOLA	-8 KIPS	-9 KIPS	0.09
	182.649				80# 0#	60	GONDOLA	-20 KIPS	-21 KIPS	0.10
	182.505				80# 0#	79	GONDOLA	-31 KIPS	-31 KIPS	0.08
	182.361				80# 0#	98	GONDOLA	-31 KIPS	-31 KIPS	0.07
	182.217				80# 0#	99	GM6C	-16 KIPS	-16 KIPS	0.03
	182.210				80# 0#	100	GM10B	0 KIPS	9 KIPS	0.00
HELPERS	182.197				80# 0#	1	SD40	9 KIPS	18 KIPS	0.00
	182.982	0	8 RUN 1	162 REL REL	80# 0#	2	SD40	18 KIPS	18 KIPS	0.00
	182.970				80# 0#	3	GONDOLA	12 KIPS	12 KIPS	0.08
	182.957				80# 0#	22	GONDOLA	-19 KIPS	-19 KIPS	0.08
	182.813				80# 0#	41	GONDOLA	-12 KIPS	-12 KIPS	0.08
	182.669				80# 0#	60	GONDOLA	-21 KIPS	-22 KIPS	0.10
	182.525				80# 0#	79	GONDOLA	-31 KIPS	-31 KIPS	0.08
	182.381				80# 0#	98	GONDOLA	-31 KIPS	-31 KIPS	0.07
	182.238				80# 0#	99	GM6C	-16 KIPS	-16 KIPS	0.03
	182.217				80# 0#	100	GM10B	0 KIPS	8 KIPS	0.00
HELPERS	182.230				80# 0#	1	SD40	8 KIPS	15 KIPS	0.00
	182.004	0	8 RUN 1	152 REL REL	80# 0#	2	SD40	15 KIPS	15 KIPS	0.00
	182.992				80# 0#	3	GONDOLA	9 KIPS	9 KIPS	0.09
	182.979				80# 0#	22	GONDOLA	-11 KIPS	-10 KIPS	0.09
	182.835				80# 0#	41	GONDOLA	-13 KIPS	-13 KIPS	0.09
	182.691				80# 0#	60	GONDOLA	-22 KIPS	-22 KIPS	0.10
	182.547				80# 0#	79	GONDOLA	-31 KIPS	-31 KIPS	0.11
	182.403				80# 0#	98	GONDOLA	-31 KIPS	-31 KIPS	0.07
	182.259				80# 0#	99	GM6C	-16 KIPS	-16 KIPS	0.04
	182.252				80# 0#	100	GM10B	-16 KIPS	0 KIPS	0.04

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	AFT	
O: 1:50	183.028	0	9	RUN	1	144	REL	REL	80#	0#	0 KIPS	7 KIPS	0.00
	183.015								80#	0#	7 KIPS	14 KIPS	0.00
	183.003								80#	0#	14 KIPS	13 KIPS	0.00
	182.859								80#	0#	8 KIPS	8 KIPS	0.09
	182.715								80#	0#	-3 KIPS	-4 KIPS	0.09
HELPERS	182.571								80#	0#	-12 KIPS	-13 KIPS	0.09
	182.427								80#	0#	-21 KIPS	-22 KIPS	0.10
	182.283								80#	0#	-30 KIPS	-31 KIPS	0.11
	182.276								80#	0#	-16 KIPS	-16 KIPS	0.14
	182.263								80#	0#	0 KIPS	0 KIPS	0.14
O: 2: 0	183.053	0	10	RUN	1	139	REL	REL	80#	0#	0 KIPS	6 KIPS	0.00
	183.041								80#	0#	12 KIPS	12 KIPS	0.00
	183.029								80#	0#	9 KIPS	9 KIPS	0.00
	182.885								80#	0#	15 KIPS	15 KIPS	0.09
	182.741								80#	0#	-11 KIPS	-11 KIPS	0.09
HELPERS	182.597								80#	0#	-20 KIPS	-21 KIPS	0.10
	182.453								80#	0#	-29 KIPS	-30 KIPS	0.11
	182.309								80#	0#	-16 KIPS	-16 KIPS	0.14
	182.302								80#	0#	0 KIPS	0 KIPS	0.14
	182.289								80#	0#	6 KIPS	6 KIPS	0.00
O: 2:10	183.081	0	10	RUN	1	135	REL	REL	80#	0#	12 KIPS	12 KIPS	0.00
	183.069								80#	0#	9 KIPS	9 KIPS	0.00
	183.056								80#	0#	7 KIPS	8 KIPS	0.08
	182.912								80#	0#	-8 KIPS	-9 KIPS	0.09
	182.769								80#	0#	-19 KIPS	-18 KIPS	0.10
HELPERS	182.625								80#	0#	-30 KIPS	-30 KIPS	0.11
	182.481								80#	0#	-16 KIPS	-16 KIPS	0.14
	182.337								80#	0#	0 KIPS	0 KIPS	0.14
	182.329								80#	0#	6 KIPS	6 KIPS	0.00
	182.316								80#	0#	11 KIPS	11 KIPS	0.00
O: 2:20	183.111	0	11	RUN	1	131	REL	REL	80#	0#	11 KIPS	11 KIPS	0.00
	183.098								80#	0#	9 KIPS	9 KIPS	0.00
	183.086								80#	0#	3 KIPS	3 KIPS	0.08
	182.942								80#	0#	-8 KIPS	-8 KIPS	0.09
	182.798								80#	0#	-18 KIPS	-19 KIPS	0.10
HELPERS	182.654								80#	0#	-29 KIPS	-28 KIPS	0.11
	182.510								80#	0#	-16 KIPS	-16 KIPS	0.14
	182.366								80#	0#	0 KIPS	0 KIPS	0.14
	182.359								80#	0#	6 KIPS	6 KIPS	0.00
	182.346								80#	0#	11 KIPS	11 KIPS	0.00

QCM D-96-E/O/

STATION TIME	MP	SPEED LMT RUN	THITLE RUN 1	AMPS 127	SETTING REL	PRESSURE REL	BRAKES TRN IND PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	AFT	
O: 2:30	183.142	0	12	1	REL	REL	80# 0#	-29:99 14:99	1	SD40	0 KIPS	5 KIPS	0.00
	183.130						80# 0#		2	SD40	5 KIPS	10 KIPS	0.00
	183.117						80# 0#		3	GONDOLA	10 KIPS	10 KIPS	0.00
	182.973						80# 0#		22	GONDOLA	8 KIPS	7 KIPS	0.00
	182.829						80# 0#		41	GONDOLA	3 KIPS	2 KIPS	0.09
	182.885						80# 0#		60	GONDOLA	-8 KIPS	-10 KIPS	0.09
	182.541						80# 0#		79	GONDOLA	-19 KIPS	-20 KIPS	0.10
	182.398						80# 0#		98	GONDOLA	-29 KIPS	-29 KIPS	0.11
	182.377						80# 0#		99	GM8C	-16 KIPS	-16 KIPS	0.14
	182.360						80# 0#		100	GM10B	0 KIPS	0 KIPS	0.00
HELPERS	183.175	RUN 1	235	REL	REL	REL	80# 0#	-29:99 14:100	1	SD40	0 KIPS	5 KIPS	0.00
	183.163						80# 0#		2	SD40	5 KIPS	10 KIPS	0.00
	183.150						80# 0#		3	GONDOLA	10 KIPS	9 KIPS	0.00
	183.007						80# 0#		22	GONDOLA	5 KIPS	5 KIPS	0.00
	182.863						80# 0#		41	GONDOLA	-3 KIPS	-7 KIPS	0.08
	182.719						80# 0#		60	GONDOLA	-10 KIPS	-10 KIPS	0.10
	182.575						80# 0#		79	GONDOLA	-19 KIPS	-20 KIPS	0.10
	182.431						80# 0#		98	GONDOLA	-29 KIPS	-29 KIPS	0.11
	182.423						80# 0#		99	GM8C	-29 KIPS	-18 KIPS	0.14
	182.410						80# 0#		100	GM10B	-18 KIPS	0 KIPS	0.14
O: 2:50	183.210	RUN 1	233	REL	REL	REL	80# 0#	-29:99 14:99	1	SD40	0 KIPS	4 KIPS	0.00
	183.198						80# 0#		2	SD40	4 KIPS	8 KIPS	0.00
	183.186						80# 0#		3	GONDOLA	9 KIPS	8 KIPS	0.00
	183.042						80# 0#		22	GONDOLA	4 KIPS	4 KIPS	0.00
	182.898						80# 0#		41	GONDOLA	7 KIPS	0 KIPS	0.00
	182.734						80# 0#		60	GONDOLA	-9 KIPS	-10 KIPS	0.08
	182.610						80# 0#		79	GONDOLA	-19 KIPS	-16 KIPS	0.10
	182.466						80# 0#		98	GONDOLA	-29 KIPS	-29 KIPS	0.10
	182.458						80# 0#		99	GM8C	-29 KIPS	-15 KIPS	0.14
	182.445						80# 0#		100	GM10B	-15 KIPS	0 KIPS	0.14
HELPERS	183.247	RUN 1	231	REL	REL	REL	80# 0#	-29:99 14:99	1	SD40	0 KIPS	4 KIPS	0.00
	183.235						80# 0#		2	SD40	4 KIPS	8 KIPS	0.00
	183.223						80# 0#		3	GONDOLA	8 KIPS	8 KIPS	0.00
	183.079						80# 0#		22	GONDOLA	4 KIPS	4 KIPS	0.00
	182.935						80# 0#		41	GONDOLA	7 KIPS	8 KIPS	0.00
	182.791						80# 0#		60	GONDOLA	-8 KIPS	-18 KIPS	0.08
	182.647						80# 0#		79	GONDOLA	-18 KIPS	-28 KIPS	0.10
	182.503						80# 0#		98	GONDOLA	-28 KIPS	-15 KIPS	0.14
	182.495						80# 0#		99	GM8C	-29 KIPS	-15 KIPS	0.14
	182.482						80# 0#		100	GM10B	-15 KIPS	0 KIPS	0.14

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	IND	REL	CYL	PRESSURE PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
												DRAWBAR FORCES FORE	DRAWBAR FORCES AFT	
0: 3:10	183.286	0	14	RUN	1	118	REL	REL	80# 0#	-28:99	14:99	SD40	4 KIPS	0.00
	183.274								80# 0#			SD40	8 KIPS	0.00
	183.262								80# 0#			GONDOLA	8 KIPS	0.00
	183.118								80# 0#			GONDOLA	4 KIPS	0.00
	182.974								80# 0#			GONDOLA	4 KIPS	0.00
	182.830								80# 0#			GONDOLA	-8 KIPS	0.09
	182.886								80# 0#			GONDOLA	-17 KIPS	0.10
	182.542								80# 0#			GONDOLA	-28 KIPS	0.10
HELPERS	182.534								80# 0#			GM6C	-28 KIPS	0.14
	182.521								80# 0#			GM10B	-15 KIPS	0.14
0: 3:20	183.327	0	15	RUN	1	114	REL	REL	80# 0#	-28:99	14:99	SD40	4 KIPS	0.00
	183.315								80# 0#			SD40	8 KIPS	0.00
	183.303								80# 0#			GONDOLA	7 KIPS	0.00
	183.159								80# 0#			GONDOLA	4 KIPS	0.00
	183.015								80# 0#			GONDOLA	1 KIPS	0.00
	182.871								80# 0#			GONDOLA	-5 KIPS	0.08
	182.727								80# 0#			GONDOLA	-16 KIPS	0.10
	182.583								80# 0#			GONDOLA	-28 KIPS	0.10
HELPERS	182.575								80# 0#			GM6C	-15 KIPS	0.14
	182.562								80# 0#			GM10B	0 KIPS	0.13
0: 3:30	183.370	0	16	RUN	1	112	REL	REL	80# 0#	-28:99	14:99	SD40	4 KIPS	0.00
	183.358								80# 0#			SD40	7 KIPS	0.00
	183.345								80# 0#			GONDOLA	7 KIPS	0.00
	183.202								80# 0#			GONDOLA	4 KIPS	0.00
	183.058								80# 0#			GONDOLA	-13 KIPS	0.00
	182.914								80# 0#			GONDOLA	-7 KIPS	0.00
	182.770								80# 0#			GONDOLA	-18 KIPS	0.09
	182.626								80# 0#			GONDOLA	-28 KIPS	0.10
HELPERS	182.618								80# 0#			GM6C	-15 KIPS	0.14
	182.605								80# 0#			GM10B	0 KIPS	0.13
0: 3:40	183.415	0	17	RUN	1	110	REL	REL	80# 0#	-28:99	14:99	SD40	3 KIPS	0.00
	183.403								80# 0#			SD40	7 KIPS	0.00
	183.390								80# 0#			GONDOLA	7 KIPS	0.00
	183.246								80# 0#			GONDOLA	2 KIPS	0.00
	183.103								80# 0#			GONDOLA	-5 KIPS	0.00
	182.958								80# 0#			GONDOLA	-9 KIPS	0.01
	182.815								80# 0#			GONDOLA	-16 KIPS	0.09
	182.671								80# 0#			GONDOLA	-28 KIPS	0.10
HELPERS	182.663								80# 0#			GM6C	-15 KIPS	0.14
	182.650								80# 0#			GM10B	0 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS REL	SETTING REL	PRESSURE REL	BRAKES TRN INO PIPE CVL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	AFT	
O: 3:50	183.482	0	17	RUN	1	108	REL	REL	80#	0#	0#	0#	0.00
	183.450								80#	0#	0#	0#	0.00
	183.437								80#	0#	0#	0#	0.00
	183.293								80#	0#	0#	0#	0.00
	183.148								80#	0#	0#	0#	0.00
HELPERS	183.008								80#	0#	0#	0#	0.01
	182.862								80#	0#	0#	0#	0.09
	182.718								80#	0#	0#	0#	0.10
	182.710								80#	0#	0#	0#	0.14
	182.697								80#	0#	0#	0#	0.13
O: 4: 0	183.511	0	18	RUN	1	106	REL	REL	80#	0#	0#	0#	0.00
	183.499								80#	0#	0#	0#	0.00
	183.488								80#	0#	0#	0#	0.00
	183.342								80#	0#	0#	0#	0.00
	183.199								80#	0#	0#	0#	0.01
HELPERS	183.055								80#	0#	0#	0#	0.02
	182.911								80#	0#	0#	0#	0.10
	182.767								80#	0#	0#	0#	0.13
	182.759								80#	0#	0#	0#	0.00
	182.746								80#	0#	0#	0#	0.00
O: 4:10	183.582	0	19	RUN	1	104	REL	REL	80#	0#	0#	0#	0.00
	183.550								80#	0#	0#	0#	0.00
	183.538								80#	0#	0#	0#	0.00
	183.394								80#	0#	0#	0#	0.01
	183.250								80#	0#	0#	0#	0.02
HELPERS	183.108								80#	0#	0#	0#	0.10
	182.962								80#	0#	0#	0#	0.13
	182.818								80#	0#	0#	0#	0.00
	182.810								80#	0#	0#	0#	0.00
	182.787								80#	0#	0#	0#	0.00
O: 4:20	183.615	0	20	RUN	1	103	REL	REL	80#	0#	0#	0#	0.00
	183.603								80#	0#	0#	0#	0.00
	183.591								80#	0#	0#	0#	0.00
	183.447								80#	0#	0#	0#	0.00
	183.303								80#	0#	0#	0#	0.02
HELPERS	183.159								80#	0#	0#	0#	0.02
	183.015								80#	0#	0#	0#	0.10
	182.871								80#	0#	0#	0#	0.13
	182.864								80#	0#	0#	0#	0.13
	182.851								80#	0#	0#	0#	0.13

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
O: 4:30	183.671	0	20	RUN 1	102	REL	REL	80# 0#	-28:99	11:100	SD40	3 KIPS	0.00
	183.659							80# 0#			SD40	3 KIPS	0.00
	183.646							80# 0#			GONDOLA	5 KIPS	0.00
	183.502							80# 0#			GONDOLA	-7 KIPS	0.00
	183.358							80# 0#			GONDOLA	-8 KIPS	0.01
HELPERS	183.215							80# 0#			GONDOLA	-14 KIPS	0.02
	183.071							80# 0#			GONDOLA	-20 KIPS	0.02
	182.927							80# 0#			GONDOLA	-28 KIPS	0.05
	182.819							80# 0#			GM6C	-15 KIPS	0.06
	182.808							80# 0#			GM108	0 KIPS	0.11
O: 4:40	183.728	0	21	RUN 1	100	REL	REL	80# 0#	-27:99	08:99	SD40	2 KIPS	0.00
	183.716							80# 0#			SD40	5 KIPS	0.00
	183.704							80# 0#			GONDOLA	5 KIPS	0.00
	183.580							80# 0#			GONDOLA	-3 KIPS	0.00
	183.416							80# 0#			GONDOLA	-7 KIPS	0.01
HELPERS	183.272							80# 0#			GONDOLA	-14 KIPS	0.02
	183.128							80# 0#			GONDOLA	-20 KIPS	0.02
	182.984							80# 0#			GONDOLA	-27 KIPS	0.05
	182.877							80# 0#			GM6C	-15 KIPS	0.06
	182.864							80# 0#			GM108	0 KIPS	0.03
-----> RUN 2													
O: 4:41	183.734	0	21	RUN 2	108	REL	REL	80# 0#	-27:99	08:99	SD40	2 KIPS	0.00
	183.722							80# 0#			SD40	5 KIPS	0.00
	183.710							80# 0#			GONDOLA	4 KIPS	0.00
	183.566							80# 0#			GONDOLA	-1 KIPS	0.00
	183.422							80# 0#			GONDOLA	-8 KIPS	0.01
HELPERS	183.278							80# 0#			GONDOLA	-14 KIPS	0.02
	183.134							80# 0#			GONDOLA	-20 KIPS	0.02
	182.990							80# 0#			GONDOLA	-27 KIPS	0.05
	182.882							80# 0#			GM6C	-15 KIPS	0.06
	182.969							80# 0#			GM108	0 KIPS	0.03
O: 4:50	183.788	0	22	RUN 2	145	REL	REL	80# 0#	-54:99	12:99	SD40	5 KIPS	0.00
	183.776							80# 0#			SD40	10 KIPS	0.00
	183.764							80# 0#			GONDOLA	10 KIPS	0.00
	183.620							80# 0#			GONDOLA	-3 KIPS	0.00
	183.476							80# 0#			GONDOLA	-18 KIPS	0.02
HELPERS	183.332							80# 0#			GONDOLA	-28 KIPS	0.03
	183.188							80# 0#			GONDOLA	-41 KIPS	0.05
	183.044							80# 0#			GONDOLA	-54 KIPS	0.10
	183.036							80# 0#			GM6C	-30 KIPS	0.12
	183.033							80# 0#			GM108	0 KIPS	0.07

-----> TRAIN ENTERING 3.00 DEGREE CURVE

QCM D-98-E/O/

STATION TIME	SPEED LMT	THLE RUN	AMP'S REL	SETTING REL	PIPE CYL	PRESSURE KIPS	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	AFT	
0: 5: 0	183.851	0	23	RUN 2	143	REL	REL	80#	0#	0#	0#	0.12
	183.839							80#	0#	0#	0#	0.12
	183.828							80#	0#	0#	0#	0.09
	183.828							80#	0#	0#	0#	0.02
	183.838							80#	0#	0#	0#	0.03
	183.834							80#	0#	0#	0#	0.08
	183.281							80#	0#	0#	0#	0.10
	183.107							80#	0#	0#	0#	0.12
HELPERS	183.098							80#	0#	0#	0#	0.06
	183.088							80#	0#	0#	0#	0.12
0: 5: 10	183.818	0	24	RUN 2	141	REL	REL	80#	0#	0#	0#	0.12
	183.804							80#	0#	0#	0#	0.08
	183.892							80#	0#	0#	0#	0.01
	183.748							80#	0#	0#	0#	0.02
	183.604							80#	0#	0#	0#	0.04
	183.460							80#	0#	0#	0#	0.08
	183.316							80#	0#	0#	0#	0.10
	183.172							80#	0#	0#	0#	0.12
HELPERS	183.165							80#	0#	0#	0#	0.08
	183.151							80#	0#	0#	0#	0.12
0: 5: 20	183.985	0	25	RUN 2	125	REL	REL	80#	0#	0#	0#	0.12
	183.972							80#	0#	0#	0#	0.08
	183.960							80#	0#	0#	0#	0.08
	183.816							80#	0#	0#	0#	0.03
	183.872							80#	0#	0#	0#	0.04
	183.528							80#	0#	0#	0#	0.05
	183.384							80#	0#	0#	0#	0.10
	183.240							80#	0#	0#	0#	0.12
HELPERS	183.233							80#	0#	0#	0#	0.08
	183.220							80#	0#	0#	0#	0.12
SDG M	184.000	0	25	RUN 2	137	REL	REL	80#	0#	0#	0#	0.12
0: 5: 22	183.988							80#	0#	0#	0#	0.08
	183.975							80#	0#	0#	0#	0.08
	183.831							80#	0#	0#	0#	0.03
	183.687							80#	0#	0#	0#	0.03
	183.544							80#	0#	0#	0#	0.05
	183.400							80#	0#	0#	0#	0.10
	183.258							80#	0#	0#	0#	0.12
HELPERS	183.248							80#	0#	0#	0#	0.08
	183.235							80#	0#	0#	0#	0.08

-----> TRAIN ENTERING 0.00 DEGREE CURVE

[illegible]

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	BRAKES IND PIPE CYL	PRESSURE KIPS: CAR L/V: CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRABAR FORCES	DRABAR FORCES	
										FORE	AFT	
O: 5:40	184.129	0	27	4	182	REL	REL	1	SD40	0 KIPS	1 KIPS	0.00
	184.117				80#	0#	-50:99	2	SD40	8 KIPS	8 KIPS	0.00
	184.104				80#	0#		3	GONDOLA	8 KIPS	8 KIPS	0.00
	183.960				80#	0#		22	GONDOLA	-2 KIPS	-3 KIPS	0.08
	183.816				80#	0#		41	GONDOLA	-20 KIPS	-21 KIPS	0.09
	183.672				80#	0#		60	GONDOLA	-34 KIPS	-35 KIPS	0.04
	183.529				80#	0#		79	GONDOLA	-47 KIPS	-47 KIPS	0.05
	183.385				80#	0#		98	GONDOLA	-59 KIPS	-60 KIPS	0.11
	183.377				80#	0#		99	GMBC	-34 KIPS	-34 KIPS	0.13
	183.364				80#	0#		100	GM10B	0 KIPS	0 KIPS	0.07
O: 5:50	184.205	0	28	4	308	REL	REL	1	SD40	13 KIPS	13 KIPS	0.00
	184.183				80#	0#	-103:99	2	SD40	26 KIPS	26 KIPS	0.00
	184.181				80#	0#		3	GONDOLA	-34 KIPS	-35 KIPS	0.08
	184.037				80#	0#		22	GONDOLA	-53 KIPS	-54 KIPS	0.11
	183.893				80#	0#		41	GONDOLA	-72 KIPS	-73 KIPS	0.08
	183.749				80#	0#		60	GONDOLA	-87 KIPS	-88 KIPS	0.10
	183.608				80#	0#		79	GONDOLA	-103 KIPS	-103 KIPS	0.19
	183.461				80#	0#		98	GMBC	-103 KIPS	-103 KIPS	0.23
	183.454				80#	0#		99	GMBC	-60 KIPS	-60 KIPS	0.13
	183.440				80#	0#		100	GM10B	0 KIPS	0 KIPS	0.11
O: 6:0	184.285	0	28	4	288	REL	REL	1	SD40	80 KIPS	80 KIPS	0.12
	184.273				80#	0#	-104:99	2	SD40	51 KIPS	51 KIPS	0.08
	184.260				80#	0#		3	GONDOLA	-70 KIPS	-71 KIPS	0.08
	184.117				80#	0#		22	GONDOLA	-78 KIPS	-78 KIPS	0.15
	183.973				80#	0#		41	GONDOLA	-89 KIPS	-90 KIPS	0.17
	183.829				80#	0#		60	GONDOLA	-97 KIPS	-97 KIPS	0.11
	183.685				80#	0#		79	GONDOLA	-103 KIPS	-104 KIPS	0.19
	183.541				80#	0#		98	GMBC	-61 KIPS	-61 KIPS	0.23
	183.523				80#	0#		99	GM10B	0 KIPS	0 KIPS	0.13
	183.507				80#	0#	-107:78	100	SD40	12 KIPS	12 KIPS	0.10
O: 6:10	184.367	0	30	4	284	REL	REL	1	SD40	25 KIPS	25 KIPS	0.12
	184.355				80#	0#		2	SD40	23 KIPS	23 KIPS	0.08
	184.342				80#	0#		3	GONDOLA	-74 KIPS	-78 KIPS	0.08
	184.188				80#	0#		22	GONDOLA	-103 KIPS	-103 KIPS	0.16
	184.054				80#	0#		41	GONDOLA	-104 KIPS	-105 KIPS	0.18
	183.911				80#	0#		60	GONDOLA	-107 KIPS	-108 KIPS	0.12
	183.767				80#	0#		79	GONDOLA	-104 KIPS	-104 KIPS	0.19
	183.623				80#	0#		98	GMBC	-104 KIPS	-104 KIPS	0.23
	183.615				80#	0#		99	GMBC	-61 KIPS	-61 KIPS	0.13
	183.602				80#	0#		100	GM10B	0 KIPS	0 KIPS	0.13

-----> TRAIN ENTERING 3 50 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES	AFT	
O: 6:19	184.440	0	30	RUN	4	282	REL	REL	80#	0#	0#	0#	0.10
	184.428								80#	0#	0#	0#	0.12
	184.415								80#	0#	0#	0#	0.08
	184.271								80#	0#	0#	0#	0.18
	184.127								80#	0#	0#	0#	0.13
	183.984								80#	0#	0#	0#	0.18
	183.840								80#	0#	0#	0#	0.19
	183.696								80#	0#	0#	0#	0.19
	183.688								80#	0#	0#	0#	0.23
	183.675								80#	0#	0#	0#	0.13
-----> RUN 6													
O: 6:20	184.448	0	30	RUN	6	307	REL	REL	80#	0#	0#	0#	0.10
	184.436								80#	0#	0#	0#	0.12
	184.424								80#	0#	0#	0#	0.08
	184.280								80#	0#	0#	0#	0.15
	184.136								80#	0#	0#	0#	0.14
	183.992								80#	0#	0#	0#	0.20
	183.848								80#	0#	0#	0#	0.18
	183.704								80#	0#	0#	0#	0.18
	183.696								80#	0#	0#	0#	0.23
	183.683								80#	0#	0#	0#	0.13
O: 6:20	184.450	0	30	RUN	6	307	REL	REL	80#	0#	0#	0#	0.10
	184.438								80#	0#	0#	0#	0.12
	184.425								80#	0#	0#	0#	0.08
	184.281								80#	0#	0#	0#	0.15
	184.137								80#	0#	0#	0#	0.13
	183.993								80#	0#	0#	0#	0.20
	183.849								80#	0#	0#	0#	0.18
	183.705								80#	0#	0#	0#	0.18
	183.698								80#	0#	0#	0#	0.23
	183.685								80#	0#	0#	0#	0.13
O: 6:21	184.458	0	30	RUN	6	323	REL	REL	80#	0#	0#	0#	0.10
	184.446								80#	0#	0#	0#	0.12
	184.434								80#	0#	0#	0#	0.08
	184.290								80#	0#	0#	0#	0.15
	184.146								80#	0#	0#	0#	0.13
	184.002								80#	0#	0#	0#	0.20
	183.858								80#	0#	0#	0#	0.20
	183.714								80#	0#	0#	0#	0.20
	183.708								80#	0#	0#	0#	0.23
	183.693								80#	0#	0#	0#	0.13
HELPERS	183.693								80#	0#	0#	0#	0.13
									80#	0#	0#	0#	0.13
									80#	0#	0#	0#	0.13
									80#	0#	0#	0#	0.13
									80#	0#	0#	0#	0.13
									80#	0#	0#	0#	0.13
									80#	0#	0#	0#	0.13
									80#	0#	0#	0#	0.13
									80#	0#	0#	0#	0.13
									80#	0#	0#	0#	0.13

QCM D-96-E/O/

STATION TIME	MP	SPEED LMT	THTLT RUN	AMPS REL	SETTING REL	BRAKES TRN IND PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRANBAR FORCES FORE	AFT	
O: 6:30	184.533	0	30	RUN	6	480	REL	REL	1	SD40	0 KIPS	26 KIPS	0.10
	184.521								2	SD40	26 KIPS	51 KIPS	0.14
	184.508								3	GONDOLA	51 KIPS	48 KIPS	0.13
	184.385								22	GONDOLA	-51 KIPS	-48 KIPS	0.15
	184.221								41	GONDOLA	-123 KIPS	-127 KIPS	0.21
	184.077								60	GONDOLA	-151 KIPS	-151 KIPS	0.21
	183.833								79	GONDOLA	-152 KIPS	-152 KIPS	0.23
	183.789								98	GONDOLA	-153 KIPS	-153 KIPS	0.27
	183.781								99	GM8C	-89 KIPS	-89 KIPS	0.33
	183.768								100	GM10B	-89 KIPS	0 KIPS	0.19
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
O: 6:40	184.617	0	30	RUN	6	455	REL	REL	1	SD40	0 KIPS	26 KIPS	0.10
	184.604								2	SD40	26 KIPS	51 KIPS	0.14
	184.592								3	GONDOLA	51 KIPS	48 KIPS	0.13
	184.448								22	GONDOLA	-30 KIPS	-34 KIPS	0.11
	184.304								41	GONDOLA	-102 KIPS	-103 KIPS	0.22
	184.160								60	GONDOLA	-168 KIPS	-172 KIPS	0.18
	184.016								79	GONDOLA	-165 KIPS	-164 KIPS	0.24
	183.872								98	GONDOLA	-154 KIPS	-154 KIPS	0.34
	183.865								99	GM8C	-90 KIPS	-90 KIPS	0.24
	183.852								100	GM10B	-90 KIPS	0 KIPS	0.24
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
O: 6:50	184.700	0	30	RUN	6	465	REL	REL	1	SD40	0 KIPS	27 KIPS	0.12
	184.688								2	SD40	27 KIPS	53 KIPS	0.13
	184.675								3	GONDOLA	53 KIPS	50 KIPS	0.15
	184.531								22	GONDOLA	-23 KIPS	-28 KIPS	0.08
	184.387								41	GONDOLA	-91 KIPS	-95 KIPS	0.20
	184.243								60	GONDOLA	-156 KIPS	-159 KIPS	0.25
	184.089								79	GONDOLA	-174 KIPS	-173 KIPS	0.19
	183.956								98	GONDOLA	-158 KIPS	-155 KIPS	0.28
	183.948								99	GM8C	-90 KIPS	-90 KIPS	0.32
	183.935								100	GM10B	-90 KIPS	0 KIPS	0.22
O: 7: 0	184.781	0	29	RUN	6	472	REL	REL	1	SD40	0 KIPS	27 KIPS	0.10
	184.768								2	SD40	27 KIPS	55 KIPS	0.13
	184.757								3	GONDOLA	55 KIPS	52 KIPS	0.14
	184.613								22	GONDOLA	-7 KIPS	-9 KIPS	0.07
	184.469								41	GONDOLA	-65 KIPS	-68 KIPS	0.17
	184.325								60	GONDOLA	-127 KIPS	-130 KIPS	0.24
	184.161								79	GONDOLA	-178 KIPS	-180 KIPS	0.20
	184.037								98	GONDOLA	-160 KIPS	-159 KIPS	0.28
	184.030								99	GM8C	-159 KIPS	-91 KIPS	0.34
	184.018								100	GM10B	-91 KIPS	0 KIPS	0.22

QCM D-98-E/O/

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	SETTING IND	BRAKES PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	AFT	
O: 7:10	184.880	0	28	RUN	8	486	REL	REL	80#	0#	0#	0#	0.10
	184.848								80#	0#	0#	0#	0.15
	184.836								80#	0#	0#	0#	0.17
	184.832								80#	0#	0#	0#	0.08
	184.848								80#	0#	0#	0#	0.14
	184.404								80#	0#	0#	0#	0.21
	184.260								80#	0#	0#	0#	0.25
	184.116								80#	0#	0#	0#	0.29
	184.108								80#	0#	0#	0#	0.34
	184.086								80#	0#	0#	0#	0.19
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
O: 7:20	184.936	0	27	RUN	6	506	REL	REL	80#	0#	0#	0#	0.11
	184.924								80#	0#	0#	0#	0.15
	184.911								80#	0#	0#	0#	0.17
	184.798								80#	0#	0#	0#	0.08
	184.624								80#	0#	0#	0#	0.10
	184.480								80#	0#	0#	0#	0.17
	184.336								80#	0#	0#	0#	0.22
	184.192								80#	0#	0#	0#	0.35
	184.184								80#	0#	0#	0#	0.19
	184.171								80#	0#	0#	0#	0.07
O: 7:30	185.008	0	25	RUN	6	526	REL	REL	80#	0#	0#	0#	0.12
	184.986								80#	0#	0#	0#	0.14
	184.983								80#	0#	0#	0#	0.09
	184.839								80#	0#	0#	0#	0.10
	184.695								80#	0#	0#	0#	0.18
	184.551								80#	0#	0#	0#	0.21
	184.408								80#	0#	0#	0#	0.36
	184.264								80#	0#	0#	0#	0.35
	184.256								80#	0#	0#	0#	0.22
	184.243								80#	0#	0#	0#	0.07
O: 7:40	185.076	0	24	RUN	6	543	REL	REL	80#	0#	0#	0#	0.12
	185.064								80#	0#	0#	0#	0.10
	185.051								80#	0#	0#	0#	0.10
	184.907								80#	0#	0#	0#	0.19
	184.784								80#	0#	0#	0#	0.21
	184.620								80#	0#	0#	0#	0.29
	184.476								80#	0#	0#	0#	0.33
	184.332								80#	0#	0#	0#	0.21
	184.324								80#	0#	0#	0#	0.21
	184.311								80#	0#	0#	0#	0.21

QCM D-96-E/O/

STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S	SETTING TRN IND PIPE CYL	PRESSURE REL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAWBAR FORCES FORE	AFT	
0: 7:50	185.141	0	23	RUN 6	566	REL	REL	80#	0#	0#	0#	0.07
	185.128							80#	0#	0#	0#	0.11
	185.116							80#	0#	0#	0#	0.10
	184.972							80#	0#	0#	0#	0.08
	184.828							80#	0#	0#	0#	0.10
HELPERS	184.684							80#	0#	0#	0#	0.21
	184.540							80#	0#	0#	0#	0.29
	184.398							80#	0#	0#	0#	0.32
	184.378							80#	0#	0#	0#	0.22
	185.202							80#	0#	0#	0#	0.07
0: 8: 0	185.189							80#	0#	0#	0#	0.11
	185.177							80#	0#	0#	0#	0.08
	185.033							80#	0#	0#	0#	0.10
	184.888							80#	0#	0#	0#	0.18
	184.745							80#	0#	0#	0#	0.21
HELPERS	184.601							80#	0#	0#	0#	0.28
	184.457							80#	0#	0#	0#	0.30
	184.450							80#	0#	0#	0#	0.20
	184.437							80#	0#	0#	0#	0.08
	185.260							80#	0#	0#	0#	0.11
0: 8: 10	185.247							80#	0#	0#	0#	0.08
	185.235							80#	0#	0#	0#	0.10
	185.091							80#	0#	0#	0#	0.15
	184.947							80#	0#	0#	0#	0.22
	184.803							80#	0#	0#	0#	0.29
HELPERS	184.659							80#	0#	0#	0#	0.30
	184.515							80#	0#	0#	0#	0.20
	184.508							80#	0#	0#	0#	0.08
	184.495							80#	0#	0#	0#	0.12
	185.315							80#	0#	0#	0#	0.08
0: 8: 20	185.302							80#	0#	0#	0#	0.08
	185.290							80#	0#	0#	0#	0.08
	185.146							80#	0#	0#	0#	0.07
	185.002							80#	0#	0#	0#	0.23
	184.858							80#	0#	0#	0#	0.29
HELPERS	184.714							80#	0#	0#	0#	0.30
	184.570							80#	0#	0#	0#	0.20
	184.563							80#	0#	0#	0#	0.08
	184.550							80#	0#	0#	0#	0.12
								80#	0#	0#	0#	0.08

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING REL	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	AFT	
O: 8:30	185.368	0	18	RUN	8	894	REL	REL	80#	0#	0#	48 KIPS	0.08
	185.354								80#	0#	0#	95 KIPS	0.10
	185.342								80#	0#	0#	93 KIPS	0.07
	185.198								80#	0#	0#	49 KIPS	0.06
	185.054								80#	0#	0#	35 KIPS	0.06
HELPERS	184.910								80#	0#	0#	-81 KIPS	0.13
	184.788								80#	0#	0#	-112 KIPS	0.22
	184.622								80#	0#	0#	-185 KIPS	0.30
	184.615								80#	0#	0#	-93 KIPS	0.36
	184.602								80#	0#	0#	0 KIPS	0.21
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
O: 8:40	185.416	0	17	RUN	6	722	REL	REL	80#	0#	0#	49 KIPS	0.08
	185.403								80#	0#	0#	98 KIPS	0.18
	185.391								80#	0#	0#	98 KIPS	0.13
	185.247								80#	0#	0#	48 KIPS	0.06
	185.103								80#	0#	0#	-33 KIPS	0.07
HELPERS	184.959								80#	0#	0#	-70 KIPS	0.14
	184.815								80#	0#	0#	-117 KIPS	0.22
	184.671								80#	0#	0#	-170 KIPS	0.39
	184.664								80#	0#	0#	-94 KIPS	0.50
	184.651								80#	0#	0#	0 KIPS	0.24
O: 8:50	185.463	0	16	RUN	6	756	REL	REL	80#	0#	0#	53 KIPS	0.00
	185.450								80#	0#	0#	106 KIPS	0.06
	185.438								80#	0#	0#	104 KIPS	0.10
	185.294								80#	0#	0#	57 KIPS	0.07
	185.150								80#	0#	0#	30 KIPS	0.07
HELPERS	185.008								80#	0#	0#	-88 KIPS	0.13
	184.862								80#	0#	0#	-118 KIPS	0.22
	184.716								80#	0#	0#	-170 KIPS	0.39
	184.711								80#	0#	0#	-93 KIPS	0.50
	184.698								80#	0#	0#	0 KIPS	0.26
-----> TRAIN ENTERING 3.00 DEGREE CURVE													
O: 9: 0	185.507	0	16	RUN	6	796	REL	REL	80#	0#	0#	55 KIPS	0.16
	185.495								80#	0#	0#	111 KIPS	0.23
	185.483								80#	0#	0#	108 KIPS	0.18
	185.338								80#	0#	0#	58 KIPS	0.07
	185.195								80#	0#	0#	-23 KIPS	0.07
HELPERS	185.051								80#	0#	0#	-62 KIPS	0.13
	184.907								80#	0#	0#	-115 KIPS	0.23
	184.763								80#	0#	0#	-171 KIPS	0.39
	184.756								80#	0#	0#	-93 KIPS	0.50
	184.743								80#	0#	0#	0 KIPS	0.26

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND PIPE CYL	BRAKES PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO					
										FORE	AFT						
O: 9:10	185.550	0	15	RUN	8	819	REL REL	80#	0#	-172:99	50:99	1	SD40	0 KIPS	57 KIPS	0.10	
	185.538							80#	0#			2	SD40	57 KIPS	115 KIPS	0.12	
	185.528							80#	0#			3	GONDOLA	115 KIPS	112 KIPS	0.09	
	185.382							80#	0#			22	GONDOLA	61 KIPS	58 KIPS	0.07	
	185.238							80#	0#			41	GONDOLA	23 KIPS	-54 KIPS	0.07	
	185.094							80#	0#			60	GONDOLA	-61 KIPS	-64 KIPS	0.13	
	184.950							80#	0#			79	GONDOLA	-113 KIPS	-116 KIPS	0.19	
	184.808							80#	0#			98	GONDOLA	-169 KIPS	-172 KIPS	0.39	
	184.798							80#	0#			99	GM8C	-94 KIPS	-94 KIPS	0.50	
	184.785							80#	0#			100	GM10B	0 KIPS	0 KIPS	0.28	
O: 9:20	185.591							80#	0#	-171:99	50:99	1	SD40	0 KIPS	61 KIPS	0.10	
	185.579	0	14	RUN	8	858	REL REL	80#	0#			2	SD40	61 KIPS	122 KIPS	0.13	
	185.567							80#	0#			3	GONDOLA	122 KIPS	119 KIPS	0.09	
	185.423							80#	0#			22	GONDOLA	68 KIPS	68 KIPS	0.07	
	185.279							80#	0#			41	GONDOLA	17 KIPS	20 KIPS	0.06	
	185.135							80#	0#			60	GONDOLA	-52 KIPS	-55 KIPS	0.11	
	184.991							80#	0#			79	GONDOLA	-108 KIPS	-112 KIPS	0.18	
	184.847							80#	0#			98	GONDOLA	-188 KIPS	-171 KIPS	0.39	
	184.839							80#	0#			99	GM8C	-171 KIPS	-93 KIPS	0.50	
	184.826							80#	0#			100	GM10B	-93 KIPS	0 KIPS	0.25	
O: 9:30	185.631							80#	0#	-173:99	50:99	1	SD40	0 KIPS	62 KIPS	0.12	
	185.618	0	14	RUN	8	884	REL REL	80#	0#			2	SD40	62 KIPS	125 KIPS	0.13	
	185.608							80#	0#			3	GONDOLA	125 KIPS	122 KIPS	0.09	
	185.462							80#	0#			22	GONDOLA	68 KIPS	66 KIPS	0.09	
	185.318							80#	0#			41	GONDOLA	14 KIPS	12 KIPS	0.06	
	185.174							80#	0#			60	GONDOLA	-57 KIPS	-60 KIPS	0.12	
	185.030							80#	0#			79	GONDOLA	-113 KIPS	-116 KIPS	0.18	
	184.886							80#	0#			98	GONDOLA	-170 KIPS	-173 KIPS	0.39	
	184.879							80#	0#			99	GM8C	-173 KIPS	-94 KIPS	0.50	
	184.868							80#	0#			100	GM10B	-94 KIPS	0 KIPS	0.25	
-----> TRAIN ENTERING 0.53 % GRADE																	
O: 9:40	185.689	0	13	RUN	8	908	REL REL	80#	0#	-174:99	52:99	1	SD40	0 KIPS	68 KIPS	0.12	
	185.658							80#	0#			2	SD40	68 KIPS	136 KIPS	0.12	
	185.644							80#	0#			3	GONDOLA	136 KIPS	134 KIPS	0.09	
	185.500							80#	0#			22	GONDOLA	77 KIPS	74 KIPS	0.09	
	185.358							80#	0#			41	GONDOLA	20 KIPS	-54 KIPS	0.07	
	185.212							80#	0#			60	GONDOLA	-56 KIPS	-59 KIPS	0.11	
	185.068							80#	0#			79	GONDOLA	-113 KIPS	-116 KIPS	0.18	
	184.924							80#	0#			98	GONDOLA	-171 KIPS	-174 KIPS	0.42	
	184.917							80#	0#			99	GM8C	-174 KIPS	-94 KIPS	0.52	
	184.904							80#	0#			100	GM10B	-94 KIPS	0 KIPS	0.31	
-----> TRAIN ENTERING 0.00 DEGREE CURVE																	

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	AFT	
0: 9:50	185.708	0	13	RUN	8	910	REL	REL	80#	0#	0 KIPS	88 KIPS	0.12
	185.893								80#	0#	68 KIPS	137 KIPS	0.21
	185.881								80#	0#	137 KIPS	135 KIPS	0.15
	185.537								80#	0#	85 KIPS	82 KIPS	0.08
	185.393								80#	0#	26 KIPS	-45 KIPS	0.07
HELPERS	185.248								80#	0#	-106 KIPS	-109 KIPS	0.09
	185.105								80#	0#	-171 KIPS	-174 KIPS	0.31
	184.981								80#	0#	-94 KIPS	0 KIPS	0.24
	184.954								80#	0#	68 KIPS	138 KIPS	0.00
	184.941								80#	0#	136 KIPS	135 KIPS	0.03
0: 10: 0	185.728	0	13	RUN	8	910	REL	REL	80#	0#	0 KIPS	88 KIPS	0.00
	185.717								80#	0#	136 KIPS	135 KIPS	0.08
	185.673								80#	0#	23 KIPS	-48 KIPS	0.08
	185.429								80#	0#	-109 KIPS	-112 KIPS	0.10
	185.285								80#	0#	-172 KIPS	-175 KIPS	0.30
HELPERS	185.141								80#	0#	-94 KIPS	0 KIPS	0.22
	184.997								80#	0#	68 KIPS	138 KIPS	0.00
	184.980								80#	0#	136 KIPS	135 KIPS	0.00
	184.977								80#	0#	104 KIPS	101 KIPS	0.08
	185.777	0	13	RUN	8	910	REL	REL	80#	0#	-41 KIPS	-44 KIPS	0.08
0: 10: 10	185.765								80#	0#	-105 KIPS	-108 KIPS	0.17
	185.752								80#	0#	-171 KIPS	-174 KIPS	0.30
	185.608								80#	0#	-94 KIPS	0 KIPS	0.22
	185.465								80#	0#	68 KIPS	138 KIPS	0.00
	185.321								80#	0#	136 KIPS	135 KIPS	0.00
HELPERS	185.177								80#	0#	104 KIPS	101 KIPS	0.08
	185.033								80#	0#	-41 KIPS	-44 KIPS	0.08
	185.025								80#	0#	-105 KIPS	-108 KIPS	0.17
	185.012								80#	0#	-171 KIPS	-174 KIPS	0.30
	185.012								80#	0#	-94 KIPS	0 KIPS	0.22
-----> TRAIN ENTERING 3.00 DEGREE CURVE													
0: 10: 20	185.812	0	13	RUN	8	910	REL	REL	80#	0#	0 KIPS	88 KIPS	0.10
	185.800								80#	0#	68 KIPS	138 KIPS	0.02
	185.787								80#	0#	136 KIPS	135 KIPS	0.00
	185.644								80#	0#	105 KIPS	102 KIPS	0.08
	185.500								80#	0#	39 KIPS	38 KIPS	0.08
HELPERS	185.358								80#	0#	-35 KIPS	-38 KIPS	0.08
	185.212								80#	0#	-103 KIPS	-106 KIPS	0.17
	185.068								80#	0#	-171 KIPS	-174 KIPS	0.30
	185.060								80#	0#	-94 KIPS	-94 KIPS	0.22
	185.047								80#	0#	0 KIPS	88 KIPS	0.10

QCM D-96-E/O/

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
					SETTING IND PIPE	PRESSURE CYL				DRAWBAR FORCES FORE	DRAWBAR FORCES AFT					
O:10:30	185.847	0	13	RUN	8	910	REL REL	80#	0#	-173:99	.32:99	1	SD40	0 KIPS	67 KIPS	0.19
	185.835							80#	0#			2	SD40	67 KIPS	135 KIPS	0.26
	185.822							80#	0#			3	GONDOLA	135 KIPS	133 KIPS	0.22
	185.878							80#	0#			22	GONDOLA	105 KIPS	104 KIPS	0.09
	185.534							80#	0#			41	GONDOLA	41 KIPS	37 KIPS	0.08
	185.391							80#	0#			60	GONDOLA	-34 KIPS	-38 KIPS	0.08
	185.247							80#	0#			79	GONDOLA	-102 KIPS	-105 KIPS	0.17
	185.103							80#	0#			98	GONDOLA	-189 KIPS	-173 KIPS	0.30
	185.095							80#	0#			99	GMBC	-173 KIPS	-92 KIPS	0.32
	185.082							80#	0#			100	GM10B	-92 KIPS	0 KIPS	0.22
O:10:40	185.882							80#	0#	-174:99	.32:99	1	SD40	0 KIPS	67 KIPS	0.12
	185.882							80#	0#			2	SD40	67 KIPS	134 KIPS	0.12
	185.870							80#	0#			3	GONDOLA	134 KIPS	132 KIPS	0.09
	185.857							80#	0#			22	GONDOLA	104 KIPS	102 KIPS	0.10
	185.713							80#	0#			41	GONDOLA	50 KIPS	46 KIPS	0.08
	185.589							80#	0#			60	GONDOLA	-28 KIPS	-31 KIPS	0.08
	185.428							80#	0#			79	GONDOLA	-99 KIPS	-102 KIPS	0.17
	185.282							80#	0#			98	GONDOLA	-170 KIPS	-174 KIPS	0.30
	185.138							80#	0#			99	GMBC	-174 KIPS	-94 KIPS	0.32
	185.130							80#	0#			100	GM10B	-94 KIPS	0 KIPS	0.22
O:10:50	185.917							80#	0#	-172:99	.32:99	1	SD40	0 KIPS	67 KIPS	0.12
	185.917							80#	0#			2	SD40	67 KIPS	134 KIPS	0.12
	185.905							80#	0#			3	GONDOLA	134 KIPS	132 KIPS	0.09
	185.893							80#	0#			22	GONDOLA	101 KIPS	100 KIPS	0.00
	185.749							80#	0#			41	GONDOLA	54 KIPS	50 KIPS	0.00
	185.605							80#	0#			60	GONDOLA	-23 KIPS	-28 KIPS	0.03
	185.481							80#	0#			79	GONDOLA	-94 KIPS	-98 KIPS	0.18
	185.317							80#	0#			98	GONDOLA	-168 KIPS	-172 KIPS	0.18
	185.173							80#	0#			99	GMBC	-172 KIPS	-91 KIPS	0.30
	185.165							80#	0#			100	GM10B	-91 KIPS	0 KIPS	0.32
HELPERS	185.152							80#	0#	-171:99	.31:99	1	SD40	0 KIPS	67 KIPS	0.22
	185.953							80#	0#			2	SD40	67 KIPS	134 KIPS	0.12
	185.941							80#	0#			3	GONDOLA	134 KIPS	132 KIPS	0.12
	185.928							80#	0#			22	GONDOLA	97 KIPS	96 KIPS	0.09
	185.784							80#	0#			41	GONDOLA	57 KIPS	54 KIPS	0.00
	185.641							80#	0#			60	GONDOLA	-20 KIPS	-24 KIPS	0.08
	185.497							80#	0#			79	GONDOLA	-93 KIPS	-97 KIPS	0.09
	185.353							80#	0#			98	GONDOLA	-167 KIPS	-171 KIPS	0.16
	185.209							80#	0#			99	GMBC	-171 KIPS	-91 KIPS	0.30
	185.201							80#	0#			100	GM10B	-171 KIPS	0 KIPS	0.31
HELPERS	185.188							80#	0#							0.22

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES	AFT	
0:11:10	185.990	0	13	RUN	8	910	REL	REL	80#	0#	0 KIPS	87 KIPS	0.12
	185.977								80#	0#	67 KIPS	134 KIPS	0.12
	185.965								80#	0#	134 KIPS	132 KIPS	0.09
	185.821								80#	0#	95 KIPS	83 KIPS	0.09
	185.877								80#	0#	62 KIPS	60 KIPS	0.08
	185.533								80#	0#	-20 KIPS	-24 KIPS	0.08
	185.389								80#	0#	-92 KIPS	-88 KIPS	0.16
	185.245								80#	0#	-169 KIPS	-173 KIPS	0.30
	185.238								80#	0#	-173 KIPS	-93 KIPS	0.32
	185.225								80#	0#	0 KIPS	0 KIPS	0.22
0:11:20	186.027	0	14	RUN	8	904	REL	REL	80#	0#	0 KIPS	67 KIPS	0.12
	186.015								80#	0#	67 KIPS	134 KIPS	0.12
	186.002								80#	0#	134 KIPS	132 KIPS	0.09
	185.858								80#	0#	95 KIPS	83 KIPS	0.08
	185.714								80#	0#	61 KIPS	59 KIPS	0.08
	185.570								80#	0#	-16 KIPS	-21 KIPS	0.08
	185.426								80#	0#	-92 KIPS	-95 KIPS	0.15
	185.283								80#	0#	-168 KIPS	-172 KIPS	0.30
	185.275								80#	0#	-172 KIPS	-93 KIPS	0.32
	185.262								80#	0#	0 KIPS	0 KIPS	0.22
0:11:30	186.085	0	14	RUN	8	882	REL	REL	80#	0#	0 KIPS	88 KIPS	0.12
	186.083								80#	0#	88 KIPS	131 KIPS	0.12
	186.041								80#	0#	131 KIPS	129 KIPS	0.09
	185.897								80#	0#	87 KIPS	85 KIPS	0.08
	185.753								80#	0#	47 KIPS	45 KIPS	0.00
	185.609								80#	0#	-16 KIPS	-20 KIPS	0.08
	185.485								80#	0#	-92 KIPS	-95 KIPS	0.11
	185.321								80#	0#	-168 KIPS	-172 KIPS	0.29
	185.313								80#	0#	-172 KIPS	-93 KIPS	0.32
	185.300								80#	0#	0 KIPS	0 KIPS	0.22
0:11:40	186.105	0	14	RUN	8	861	REL	REL	80#	0#	0 KIPS	84 KIPS	0.12
	186.093								80#	0#	84 KIPS	128 KIPS	0.13
	186.080								80#	0#	128 KIPS	126 KIPS	0.09
	185.936								80#	0#	88 KIPS	84 KIPS	0.08
	185.792								80#	0#	48 KIPS	44 KIPS	0.00
	185.648								80#	0#	-10 KIPS	-8 KIPS	0.07
	185.505								80#	0#	-85 KIPS	-90 KIPS	0.18
	185.361								80#	0#	-165 KIPS	-169 KIPS	0.28
	185.353								80#	0#	-169 KIPS	-91 KIPS	0.32
	185.340								80#	0#	0 KIPS	0 KIPS	0.22

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	AFT	
0:11:50	186.145	0	15	RUN	6	836	REL	REL	80#	0#	0 KIPS	82 KIPS	0.10
	186.134								80#	0#	62 KIPS	124 KIPS	0.13
	186.121								80#	0#	124 KIPS	122 KIPS	0.09
	185.977								80#	0#	79 KIPS	77 KIPS	0.08
	185.833								80#	0#	35 KIPS	33 KIPS	0.07
	185.689								80#	0#	-15 KIPS	-17 KIPS	0.08
	185.545								80#	0#	-85 KIPS	-89 KIPS	0.17
	185.402								80#	0#	-169 KIPS	-169 KIPS	0.29
	185.394								80#	0#	-91 KIPS	-91 KIPS	0.32
	185.381								80#	0#	-91 KIPS	0 KIPS	0.22
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0:12:0	186.198	0	16	RUN	6	810	REL	REL	80#	0#	0 KIPS	80 KIPS	0.10
	186.178								80#	0#	60 KIPS	119 KIPS	0.18
	186.164								80#	0#	119 KIPS	117 KIPS	0.13
	186.020								80#	0#	73 KIPS	71 KIPS	0.08
	185.876								80#	0#	27 KIPS	24 KIPS	0.07
	185.732								80#	0#	-22 KIPS	-24 KIPS	0.03
	185.588								80#	0#	-83 KIPS	-88 KIPS	0.17
	185.444								80#	0#	-184 KIPS	-188 KIPS	0.30
	185.436								80#	0#	-188 KIPS	-91 KIPS	0.36
	185.423								80#	0#	-91 KIPS	0 KIPS	0.21
	186.232								80#	0#	58 KIPS	58 KIPS	0.00
	186.220								80#	0#	116 KIPS	116 KIPS	0.01
	186.208								80#	0#	113 KIPS	113 KIPS	0.07
	186.064								80#	0#	69 KIPS	66 KIPS	0.08
	185.920								80#	0#	22 KIPS	20 KIPS	0.07
	185.778								80#	0#	-31 KIPS	-34 KIPS	0.04
	185.632								80#	0#	-80 KIPS	-88 KIPS	0.16
	185.488								80#	0#	-163 KIPS	-167 KIPS	0.30
	185.480								80#	0#	-167 KIPS	-91 KIPS	0.35
	185.467								80#	0#	-91 KIPS	0 KIPS	0.19
	186.278								80#	0#	55 KIPS	55 KIPS	0.00
	186.266								80#	0#	110 KIPS	110 KIPS	0.00
	186.253								80#	0#	108 KIPS	108 KIPS	0.00
	186.108								80#	0#	64 KIPS	61 KIPS	0.08
	185.965								80#	0#	15 KIPS	13 KIPS	0.07
	185.821								80#	0#	-37 KIPS	-39 KIPS	0.08
	185.677								80#	0#	-82 KIPS	-85 KIPS	0.17
	185.533								80#	0#	-161 KIPS	-165 KIPS	0.36
	185.528								80#	0#	-91 KIPS	-91 KIPS	0.37
	185.513								80#	0#	-91 KIPS	0 KIPS	0.23
-----> TRAIN ENTERING 0.96 % GRADE													

STATION TIME	MP	SPEED LMT	THLE RUN	AMPS REL	SETTING REL	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
						IND PIPE	PRESSURE CYL				DRABAR FORCES FORE	AFT	
0:12:30	186.325	0	17	RUN	6	727	REL	REL	1	SD40	0 KIPS	53 KIPS	0.00
	186.313						80#	0#	2	SD40	53 KIPS	106 KIPS	0.00
	186.301						80#	0#	3	GONDOLA	106 KIPS	103 KIPS	0.00
	186.157						80#	0#	22	GONDOLA	61 KIPS	58 KIPS	0.07
	186.013						80#	0#	41	GONDOLA	13 KIPS	10 KIPS	0.07
	185.869						80#	0#	60	GONDOLA	-48 KIPS	-50 KIPS	0.11
	185.725						80#	0#	79	GONDOLA	-95 KIPS	-97 KIPS	0.17
	185.581						80#	0#	98	GONDOLA	-160 KIPS	-184 KIPS	0.29
	185.573						80#	0#	99	GMBC	-164 KIPS	-90 KIPS	0.32
	185.560						80#	0#	100	GM108	-90 KIPS	0 KIPS	0.21
-----> TRAIN ENTERING 3.00 DEGREE CURVE													
0:12:40	186.375	0	18	RUN	6	701	REL	REL	1	SD40	0 KIPS	48 KIPS	0.15
	186.362						80#	0#	2	SD40	48 KIPS	97 KIPS	0.20
	186.350						80#	0#	3	GONDOLA	97 KIPS	94 KIPS	0.16
	186.206						80#	0#	22	GONDOLA	52 KIPS	49 KIPS	0.08
	186.062						80#	0#	41	GONDOLA	-11 KIPS	-13 KIPS	0.07
	185.918						80#	0#	60	GONDOLA	-60 KIPS	-83 KIPS	0.14
	185.774						80#	0#	79	GONDOLA	-109 KIPS	-111 KIPS	0.12
	185.630						80#	0#	98	GONDOLA	-158 KIPS	-183 KIPS	0.23
	185.623						80#	0#	99	GMBC	-163 KIPS	-90 KIPS	0.33
	185.610						80#	0#	100	GM108	-90 KIPS	0 KIPS	0.21
0:12:50	186.428	0	19	RUN	6	675	REL	REL	1	SD40	0 KIPS	46 KIPS	0.10
	186.414						80#	0#	2	SD40	46 KIPS	92 KIPS	0.11
	186.401						80#	0#	3	GONDOLA	92 KIPS	88 KIPS	0.08
	186.257						80#	0#	22	GONDOLA	38 KIPS	35 KIPS	0.00
	186.114						80#	0#	41	GONDOLA	-21 KIPS	-24 KIPS	0.08
	185.970						80#	0#	60	GONDOLA	-70 KIPS	-73 KIPS	0.15
	185.826						80#	0#	79	GONDOLA	-120 KIPS	-122 KIPS	0.21
	185.682						80#	0#	98	GONDOLA	-164 KIPS	-167 KIPS	0.30
	185.674						80#	0#	99	GMBC	-167 KIPS	-93 KIPS	0.33
	185.661						80#	0#	100	GM108	-93 KIPS	0 KIPS	0.21
0:13:0	186.479	0	19	RUN	6	655	REL	REL	1	SD40	0 KIPS	44 KIPS	0.09
	186.467						80#	0#	2	SD40	44 KIPS	87 KIPS	0.11
	186.454						80#	0#	3	GONDOLA	87 KIPS	84 KIPS	0.08
	186.311						80#	0#	22	GONDOLA	25 KIPS	23 KIPS	0.00
	186.167						80#	0#	41	GONDOLA	-26 KIPS	-28 KIPS	0.08
	186.023						80#	0#	60	GONDOLA	-73 KIPS	-78 KIPS	0.16
	185.879						80#	0#	79	GONDOLA	-120 KIPS	-123 KIPS	0.21
	185.735						80#	0#	98	GONDOLA	-165 KIPS	-167 KIPS	0.30
	185.727						80#	0#	99	GMBC	-167 KIPS	-93 KIPS	0.36
	185.714						80#	0#	100	GM108	-93 KIPS	0 KIPS	0.21

STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S	SETTING TRN IND PIPE	BRAKES PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES		L/V RATIO				
									FORE	AFT					
0:13:10	186.534	0	20	RUN 6	638	REL REL	80#	0#	-168:99	.36:99	1	SD40	0 KIPS	42 KIPS	0.09
	186.521						80#	0#			2	SD40	42 KIPS	84 KIPS	0.11
	186.509						80#	0#			3	GONDOLA	84 KIPS	81 KIPS	0.08
	186.385						80#	0#			22	GONDOLA	18 KIPS	15 KIPS	0.07
	186.221						80#	0#			41	GONDOLA	-39 KIPS	-41 KIPS	0.05
	186.077						80#	0#			80	GONDOLA	-79 KIPS	-81 KIPS	0.16
	185.933						80#	0#			79	GONDOLA	-123 KIPS	-125 KIPS	0.21
	185.789						80#	0#			98	GONDOLA	-168 KIPS	-168 KIPS	0.30
	185.782						80#	0#			99	GM8C	-168 KIPS	-94 KIPS	0.38
	185.769						80#	0#			100	GM10B	-94 KIPS	0 KIPS	0.20
0:13:20	186.590	0	20	RUN 6	625	REL REL	80#	0#	-167:99	.46:99	1	SD40	0 KIPS	40 KIPS	0.09
	186.577						80#	0#			2	SD40	40 KIPS	81 KIPS	0.11
	186.565						80#	0#			3	GONDOLA	81 KIPS	78 KIPS	0.08
	186.421						80#	0#			22	GONDOLA	21 KIPS	18 KIPS	0.07
	186.277						80#	0#			41	GONDOLA	-41 KIPS	-43 KIPS	0.05
	186.133						80#	0#			80	GONDOLA	-80 KIPS	-82 KIPS	0.17
	185.989						80#	0#			79	GONDOLA	-122 KIPS	-125 KIPS	0.21
	185.845						80#	0#			98	GONDOLA	-165 KIPS	-167 KIPS	0.35
	185.838						80#	0#			99	GM8C	-167 KIPS	-93 KIPS	0.46
	185.825						80#	0#			100	GM10B	-93 KIPS	0 KIPS	0.26
0:13:30	186.646	0	20	RUN 6	628	REL REL	80#	0#	-164:99	.46:99	1	SD40	0 KIPS	42 KIPS	0.09
	186.633						80#	0#			2	SD40	42 KIPS	83 KIPS	0.11
	186.621						80#	0#			3	GONDOLA	83 KIPS	81 KIPS	0.08
	186.477						80#	0#			22	GONDOLA	37 KIPS	34 KIPS	0.07
	186.333						80#	0#			41	GONDOLA	-39 KIPS	-41 KIPS	0.07
	186.189						80#	0#			80	GONDOLA	-78 KIPS	-79 KIPS	0.16
	186.045						80#	0#			79	GONDOLA	-119 KIPS	-121 KIPS	0.21
	185.901						80#	0#			98	GONDOLA	-162 KIPS	-164 KIPS	0.35
	185.894						80#	0#			99	GM8C	-164 KIPS	-92 KIPS	0.46
	185.881						80#	0#			100	GM10B	-92 KIPS	0 KIPS	0.26
0:13:40	186.702	0	20	RUN 6	632	REL REL	80#	0#	-167:99	.47:99	1	SD40	0 KIPS	42 KIPS	0.09
	186.689						80#	0#			2	SD40	42 KIPS	84 KIPS	0.13
	186.677						80#	0#			3	GONDOLA	84 KIPS	82 KIPS	0.13
	186.533						80#	0#			22	GONDOLA	39 KIPS	-37 KIPS	0.07
	186.389						80#	0#			41	GONDOLA	-58 KIPS	-61 KIPS	0.14
	186.245						80#	0#			80	GONDOLA	-102 KIPS	-103 KIPS	0.11
	186.101						80#	0#			79	GONDOLA	-132 KIPS	-134 KIPS	0.22
	185.957						80#	0#			98	GONDOLA	-165 KIPS	-167 KIPS	0.36
	185.950						80#	0#			99	GM8C	-167 KIPS	-94 KIPS	0.47
	185.937						80#	0#			100	GM10B	-94 KIPS	0 KIPS	0.26

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	BRAKES PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	FORCES AFT	
0:13:50	186.758	0	20	RUN	8	619	REL REL	80# 0#	1	SD40	0 KIPS	41 KIPS	0.01
	186.748							80# 0#	2	SD40	41 KIPS	82 KIPS	0.12
	186.734							80# 0#	3	GONDOLA	82 KIPS	80 KIPS	0.07
	186.590							80# 0#	22	GONDOLA	-54 KIPS	44 KIPS	0.07
	186.448							80# 0#	41	GONDOLA	-57 KIPS	-60 KIPS	0.14
HELPERS	186.302							80# 0#	60	GONDOLA	-104 KIPS	-105 KIPS	0.11
	186.158							80# 0#	79	GONDOLA	-134 KIPS	-134 KIPS	0.22
	186.014							80# 0#	98	GONDOLA	-166 KIPS	-168 KIPS	0.36
	186.006							80# 0#	99	GMBC	-168 KIPS	-94 KIPS	0.47
	185.993							80# 0#	100	GM108	0 KIPS	0 KIPS	0.26
0:14:0	186.803	0	20	RUN	8	623	REL REL	80# 0#	1	SD40	41 KIPS	41 KIPS	0.00
	186.780							80# 0#	2	SD40	83 KIPS	80 KIPS	0.00
	186.646							80# 0#	3	GONDOLA	36 KIPS	34 KIPS	0.07
	186.502							80# 0#	22	GONDOLA	-40 KIPS	-43 KIPS	0.11
	186.359							80# 0#	41	GONDOLA	-95 KIPS	-98 KIPS	0.18
HELPERS	186.215							80# 0#	60	GONDOLA	-134 KIPS	-135 KIPS	0.22
	186.071							80# 0#	79	GONDOLA	-165 KIPS	-167 KIPS	0.35
	186.083							80# 0#	98	GMBC	-167 KIPS	-93 KIPS	0.46
	186.050							80# 0#	99	GM108	0 KIPS	0 KIPS	0.26
	186.872	0	21	RUN	8	614	REL REL	80# 0#	1	SD40	40 KIPS	40 KIPS	0.00
0:14:10	186.860							80# 0#	2	SD40	81 KIPS	78 KIPS	0.00
	186.847							80# 0#	3	GONDOLA	34 KIPS	31 KIPS	0.07
	186.703							80# 0#	22	GONDOLA	-43 KIPS	-45 KIPS	0.11
	186.559							80# 0#	41	GONDOLA	-97 KIPS	-98 KIPS	0.19
	186.418							80# 0#	60	GONDOLA	-136 KIPS	-137 KIPS	0.15
HELPERS	186.272							80# 0#	79	GONDOLA	-165 KIPS	-167 KIPS	0.35
	186.128							80# 0#	98	GMBC	-167 KIPS	-94 KIPS	0.46
	186.120							80# 0#	99	GM108	0 KIPS	0 KIPS	0.26
	186.107							80# 0#	100	SD40	41 KIPS	41 KIPS	0.00
	186.929	0	20	RUN	8	621	REL REL	80# 0#	1	SD40	82 KIPS	80 KIPS	0.00
0:14:20	186.917							80# 0#	2	SD40	38 KIPS	35 KIPS	0.00
	186.904							80# 0#	3	GONDOLA	-21 KIPS	-24 KIPS	0.08
	186.780							80# 0#	22	GONDOLA	-78 KIPS	-78 KIPS	0.16
	186.618							80# 0#	41	GONDOLA	-132 KIPS	-135 KIPS	0.21
	186.472							80# 0#	60	GONDOLA	-165 KIPS	-167 KIPS	0.37
HELPERS	186.329							80# 0#	79	GMBC	-167 KIPS	-83 KIPS	0.48
	186.185							80# 0#	98	GM108	0 KIPS	0 KIPS	0.30
	186.177							80# 0#	99	GMBC	-93 KIPS	-93 KIPS	0.30
	186.164							80# 0#	100	GM108	0 KIPS	0 KIPS	0.30

STATION TIME	SPEED LMT	THLT RUN	AMPS 6	SETTING REL	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES		L/V RATIO							
								IDENTIFIER	DRAWBAR FORCES								
BRAKES																	
IND PIPE																	
REL																	
O: 14:30	186.986	0	20	RUN	6	618	REL	REL	80#	0#	-188.99	.38.99	1	SD40	0 KIPS	41 KIPS	0.00
	186.973								80#	0#			2	SD40	41 KIPS	82 KIPS	0.00
	186.961								80#	0#			3	GONDOLA	82 KIPS	78 KIPS	0.00
	186.817								80#	0#			22	GONDOLA	32 KIPS	28 KIPS	0.00
	186.673								80#	0#			41	GONDOLA	-27 KIPS	-28 KIPS	0.08
	186.529								80#	0#			60	GONDOLA	-79 KIPS	-82 KIPS	0.17
	186.385								80#	0#			79	GONDOLA	-132 KIPS	-135 KIPS	0.22
	186.241								80#	0#			98	GONDOLA	-188 KIPS	-188 KIPS	0.30
	186.234								80#	0#			99	GM6C	-188 KIPS	-94 KIPS	0.38
	186.221								80#	0#			100	GM10B	-94 KIPS	0 KIPS	0.22
O: 14:40	187.042	0	20	RUN	6	624	REL	REL	80#	0#	-168.99	.38.99	1	SD40	0 KIPS	42 KIPS	0.00
	187.030								80#	0#			2	SD40	42 KIPS	83 KIPS	0.00
	187.018								80#	0#			3	GONDOLA	83 KIPS	81 KIPS	0.00
	186.874								80#	0#			22	GONDOLA	40 KIPS	38 KIPS	0.00
	186.730								80#	0#			41	GONDOLA	-19 KIPS	-22 KIPS	0.07
	186.586								80#	0#			60	GONDOLA	-71 KIPS	-74 KIPS	0.16
	186.442								80#	0#			79	GONDOLA	-124 KIPS	-127 KIPS	0.21
	186.298								80#	0#			98	GONDOLA	-187 KIPS	-188 KIPS	0.30
	186.290								80#	0#			99	GM6C	-188 KIPS	-94 KIPS	0.36
	186.277								80#	0#			100	GM10B	-94 KIPS	0 KIPS	0.19
O: 14:50	187.098	0	20	RUN	6	632	REL	REL	80#	0#	-187.99	.46.99	1	SD40	0 KIPS	42 KIPS	0.00
	187.086								80#	0#			2	SD40	42 KIPS	84 KIPS	0.00
	187.074								80#	0#			3	GONDOLA	84 KIPS	82 KIPS	0.00
	186.930								80#	0#			22	GONDOLA	41 KIPS	39 KIPS	0.00
	186.786								80#	0#			41	GONDOLA	-14 KIPS	-17 KIPS	0.02
	186.642								80#	0#			60	GONDOLA	-81 KIPS	-83 KIPS	0.15
	186.498								80#	0#			79	GONDOLA	-111 KIPS	-114 KIPS	0.20
	186.354								80#	0#			98	GONDOLA	-165 KIPS	-167 KIPS	0.35
	186.348								80#	0#			99	GM6C	-187 KIPS	-94 KIPS	0.46
	186.333								80#	0#			100	GM10B	-94 KIPS	0 KIPS	0.25
O: 15: 0	187.154	0	20	RUN	6	634	REL	REL	80#	0#	-165.99	.46.99	1	SD40	0 KIPS	42 KIPS	0.00
	187.142								80#	0#			2	SD40	42 KIPS	84 KIPS	0.00
	187.129								80#	0#			3	GONDOLA	84 KIPS	82 KIPS	0.00
	186.985								80#	0#			22	GONDOLA	37 KIPS	36 KIPS	0.00
	186.841								80#	0#			41	GONDOLA	-14 KIPS	-17 KIPS	0.02
	186.697								80#	0#			60	GONDOLA	-60 KIPS	-63 KIPS	0.15
	186.553								80#	0#			79	GONDOLA	-111 KIPS	-114 KIPS	0.20
	186.410								80#	0#			98	GONDOLA	-182 KIPS	-186 KIPS	0.35
	186.402								80#	0#			99	GM6C	-185 KIPS	-92 KIPS	0.46
	186.389								80#	0#			100	GM10B	-82 KIPS	0 KIPS	0.26
RUN 6 985 REL REL																	
HELPERS																	

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	BRAKES PIPE CYL	PRESSURE	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:15:10	187.209	0	20	RUN	6	841	REL	REL	80#	0#	0#	0#	0.00
	187.197								80#	0#	0#	0#	0.00
	187.184								80#	0#	0#	0#	0.00
	187.040								80#	0#	0#	0#	0.00
	186.898								80#	0#	0#	0#	0.00
	186.752								80#	0#	0#	0#	0.00
	186.608								80#	0#	0#	0#	0.00
	186.465								80#	0#	0#	0#	0.00
	186.457								80#	0#	0#	0#	0.00
	186.444								80#	0#	0#	0#	0.00
0:15:20	187.264	0	20	RUN	6	845	REL	REL	80#	0#	0#	0#	0.00
	187.251								80#	0#	0#	0#	0.00
	187.238								80#	0#	0#	0#	0.00
	187.095								80#	0#	0#	0#	0.00
	186.951								80#	0#	0#	0#	0.00
	186.807								80#	0#	0#	0#	0.00
	186.663								80#	0#	0#	0#	0.00
	186.518								80#	0#	0#	0#	0.00
	186.499								80#	0#	0#	0#	0.00
	186.486								80#	0#	0#	0#	0.00
0:15:30	187.317	0	19	RUN	6	856	REL	REL	80#	0#	0#	0#	0.00
	187.305								80#	0#	0#	0#	0.00
	187.293								80#	0#	0#	0#	0.00
	187.148								80#	0#	0#	0#	0.00
	187.005								80#	0#	0#	0#	0.00
	186.861								80#	0#	0#	0#	0.00
	186.717								80#	0#	0#	0#	0.00
	186.573								80#	0#	0#	0#	0.00
	186.568								80#	0#	0#	0#	0.00
	186.583								80#	0#	0#	0#	0.00
0:15:40	187.371	0	19	RUN	6	855	REL	REL	80#	0#	0#	0#	0.00
	187.359								80#	0#	0#	0#	0.00
	187.347								80#	0#	0#	0#	0.00
	187.203								80#	0#	0#	0#	0.00
	187.059								80#	0#	0#	0#	0.00
	186.915								80#	0#	0#	0#	0.00
	186.771								80#	0#	0#	0#	0.00
	186.627								80#	0#	0#	0#	0.00
	186.618								80#	0#	0#	0#	0.00
	186.808								80#	0#	0#	0#	0.00
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
HELPERS	187.317	0	19	RUN	6	856	REL	REL	80#	0#	0#	0#	0.00
	187.305								80#	0#	0#	0#	0.00
	187.293								80#	0#	0#	0#	0.00
	187.148								80#	0#	0#	0#	0.00
	187.005								80#	0#	0#	0#	0.00
	186.861								80#	0#	0#	0#	0.00
	186.717								80#	0#	0#	0#	0.00
	186.573								80#	0#	0#	0#	0.00
	186.568								80#	0#	0#	0#	0.00
	186.583								80#	0#	0#	0#	0.00
HELPERS	187.371	0	19	RUN	6	855	REL	REL	80#	0#	0#	0#	0.00
	187.359								80#	0#	0#	0#	0.00
	187.347								80#	0#	0#	0#	0.00
	187.203								80#	0#	0#	0#	0.00
	187.059								80#	0#	0#	0#	0.00
	186.915								80#	0#	0#	0#	0.00
	186.771								80#	0#	0#	0#	0.00
	186.627								80#	0#	0#	0#	0.00
	186.618								80#	0#	0#	0#	0.00
	186.808								80#	0#	0#	0#	0.00
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
HELPERS	187.317	0	19	RUN	6	856	REL	REL	80#	0#	0#	0#	0.00
	187.305								80#	0#	0#	0#	0.00
	187.293								80#	0#	0#	0#	0.00
	187.148								80#	0#	0#	0#	0.00
	187.005								80#	0#	0#	0#	0.00
	186.861								80#	0#	0#	0#	0.00
	186.717								80#	0#	0#	0#	0.00
	186.573								80#	0#	0#	0#	0.00
	186.568								80#	0#	0#	0#	0.00
	186.583								80#	0#	0#	0#	0.00
HELPERS	187.371	0	19	RUN	6	855	REL	REL	80#	0#	0#	0#	0.00
	187.359								80#	0#	0#	0#	0.00
	187.347								80#	0#	0#	0#	0.00
	187.203								80#	0#	0#	0#	0.00
	187.059								80#	0#	0#	0#	0.00
	186.915								80#	0#	0#	0#	0.00
	186.771								80#	0#	0#	0#	0.00
	186.627								80#	0#	0#	0#	0.00
	186.618								80#	0#	0#	0#	0.00
	186.808								80#	0#	0#	0#	0.00

STATION TIME	MP	SPEED LAT RUN	THLTL AMPS LMT RUN	BRAKES SETTING PRESSURE TRN IND PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRAMBAR FORCES FORE	AFT	
0:15:50	187.425	0	19	0	80#	0#	SD40	0 KIPS	44 KIPS	0.09
	187.412				80#	0#	SD40	44 KIPS	89 KIPS	0.15
	187.400				80#	0#	GONDOLA	89 KIPS	87 KIPS	0.14
	187.286				80#	0#	GONDOLA	41 KIPS	38 KIPS	0.00
	187.112				80#	0#	GONDOLA	-29 KIPS	-31 KIPS	0.03
	186.988				80#	0#	GONDOLA	-73 KIPS	-75 KIPS	0.08
	186.824				80#	0#	GONDOLA	-117 KIPS	-119 KIPS	0.13
	186.680				80#	0#	GONDOLA	-164 KIPS	-166 KIPS	0.35
	186.673				80#	0#	GM6C	-166 KIPS	-83 KIPS	0.48
	187.478				80#	0#	GM10B	-93 KIPS	0 KIPS	0.28
0:16:0	187.465				80#	0#	SD40	0 KIPS	48 KIPS	0.00
	187.453				80#	0#	SD40	45 KIPS	90 KIPS	0.01
	187.308				80#	0#	GONDOLA	90 KIPS	88 KIPS	0.01
	187.185				80#	0#	GONDOLA	42 KIPS	40 KIPS	0.08
	187.021				80#	0#	GONDOLA	-20 KIPS	-23 KIPS	0.03
	186.877				80#	0#	GONDOLA	-68 KIPS	-71 KIPS	0.08
	186.733				80#	0#	GONDOLA	-116 KIPS	-118 KIPS	0.13
	186.726				80#	0#	GM6C	-164 KIPS	-167 KIPS	0.37
	186.713				80#	0#	GM10B	-167 KIPS	-93 KIPS	0.47
	186.713				80#	0#			0 KIPS	0.29
-----> TRAIN ENTERING 0.00 % GRADE										
-----> TRAIN ENTERING 4.50 DEGREE CURVE										
0:16:10	187.531	0	19	0	80#	0#	SD40	0 KIPS	47 KIPS	0.16
	187.518				80#	0#	SD40	47 KIPS	94 KIPS	0.16
	187.506				80#	0#	GONDOLA	94 KIPS	92 KIPS	0.12
	187.362				80#	0#	GONDOLA	48 KIPS	43 KIPS	0.07
	187.218				80#	0#	GONDOLA	-25 KIPS	-27 KIPS	0.03
	187.074				80#	0#	GONDOLA	-71 KIPS	-74 KIPS	0.08
	186.931				80#	0#	GONDOLA	-118 KIPS	-121 KIPS	0.13
	186.787				80#	0#	GONDOLA	-165 KIPS	-167 KIPS	0.30
	186.779				80#	0#	GM6C	-167 KIPS	-93 KIPS	0.38
	186.768				80#	0#	GM10B	-93 KIPS	0 KIPS	0.19
0:16:20	187.584	0	19	0	80#	0#	SD40	0 KIPS	48 KIPS	0.15
	187.572				80#	0#	SD40	45 KIPS	90 KIPS	0.16
	187.559				80#	0#	GONDOLA	90 KIPS	89 KIPS	0.12
	187.416				80#	0#	GONDOLA	58 KIPS	55 KIPS	0.09
	187.272				80#	0#	GONDOLA	-53 KIPS	-55 KIPS	0.07
	187.128				80#	0#	GONDOLA	-60 KIPS	-63 KIPS	0.07
	186.984				80#	0#	GONDOLA	-112 KIPS	-114 KIPS	0.13
	186.840				80#	0#	GONDOLA	-163 KIPS	-166 KIPS	0.29
	186.832				80#	0#	GM6C	-168 KIPS	-92 KIPS	0.35
	186.819				80#	0#	GM10B	-92 KIPS	0 KIPS	0.19

STATION TIME	MP	SPEED LIMIT RUN	THRTLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	FORCES AFT	
0:16:30	187.637	0	19	RUN	6	658	REL	REL	80#	0#	0#	45 KIPS	0.15
	187.625								80#	0#	0#	90 KIPS	0.18
	187.613								80#	0#	0#	88 KIPS	0.12
	187.489								80#	0#	0#	53 KIPS	0.00
	187.325								80#	0#	0#	-22 KIPS	0.07
	187.181								80#	0#	0#	-68 KIPS	0.08
	187.037								80#	0#	0#	-117 KIPS	0.13
	186.893								80#	0#	0#	-167 KIPS	0.30
	186.886								80#	0#	0#	-93 KIPS	0.38
	186.873								80#	0#	0#	0 KIPS	0.19
HELPERS	187.691	0	19	RUN	6	653	REL	REL	80#	0#	0#	44 KIPS	0.15
	187.679								80#	0#	0#	88 KIPS	0.18
	187.666								80#	0#	0#	88 KIPS	0.12
	187.522								80#	0#	0#	48 KIPS	0.12
	187.379								80#	0#	0#	18 KIPS	0.07
	187.235								80#	0#	0#	-88 KIPS	0.07
	187.091								80#	0#	0#	-116 KIPS	0.13
	186.947								80#	0#	0#	-167 KIPS	0.30
	186.839								80#	0#	0#	-93 KIPS	0.35
	187.745	0	19	RUN	6	652	REL	REL	80#	0#	0#	0 KIPS	0.19
HELPERS	187.733								80#	0#	0#	44 KIPS	0.15
	187.720								80#	0#	0#	88 KIPS	0.18
	187.576								80#	0#	0#	88 KIPS	0.12
	187.432								80#	0#	0#	44 KIPS	0.11
	187.288								80#	0#	0#	-9 KIPS	0.07
	187.145								80#	0#	0#	-60 KIPS	0.14
	187.001								80#	0#	0#	-113 KIPS	0.13
	186.993								80#	0#	0#	-168 KIPS	0.28
	186.980								80#	0#	0#	-93 KIPS	0.35
	187.799	0	20	RUN	6	646	REL	REL	80#	0#	0#	0 KIPS	0.19
HELPERS	187.787								80#	0#	0#	44 KIPS	0.15
	187.774								80#	0#	0#	88 KIPS	0.16
	187.630								80#	0#	0#	88 KIPS	0.12
	187.487								80#	0#	0#	38 KIPS	0.11
	187.343								80#	0#	0#	-5 KIPS	0.00
	187.189								80#	0#	0#	-61 KIPS	0.14
	187.055								80#	0#	0#	-114 KIPS	0.13
	187.047								80#	0#	0#	-168 KIPS	0.29
	187.034								80#	0#	0#	-92 KIPS	0.35
	187.021								80#	0#	0#	0 KIPS	0.19

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	NP	SPEED LMT RUN	THITLE TRN IND PIPE	AMPS CYL	SETTING REL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:17:10	187.854	0	20	RUN	8	845	REL	REL	SD40	0 KIPS	44 KIPS	0.00
	187.841					80#	OH		SD40	44 KIPS	88 KIPS	0.00
	187.829					80#	OH		GONDOLA	88 KIPS	87 KIPS	0.11
	187.885					80#	OH		GONDOLA	48 KIPS	46 KIPS	0.11
	187.541					80#	OH		GONDOLA	11 KIPS	12 KIPS	0.11
HELPERS	187.397					80#	OH		GONDOLA	-51 KIPS	-54 KIPS	0.13
	187.253					80#	OH		GONDOLA	-108 KIPS	-110 KIPS	0.12
	187.109					80#	OH		GONDOLA	-161 KIPS	-164 KIPS	0.29
	187.102					80#	OH		GMHC	-164 KIPS	-92 KIPS	0.35
	187.089					80#	OH		GM108	-92 KIPS	0 KIPS	0.19
0:17:20	187.908	0	20	RUN	6	637	REL	REL	SD40	0 KIPS	44 KIPS	0.00
	187.898					80#	OH		SD40	44 KIPS	88 KIPS	0.00
	187.884					80#	OH		GONDOLA	88 KIPS	86 KIPS	0.00
	187.740					80#	OH		GONDOLA	47 KIPS	44 KIPS	0.11
	187.596					80#	OH		GONDOLA	-22 KIPS	-21 KIPS	0.11
HELPERS	187.452					80#	OH		GONDOLA	-52 KIPS	-55 KIPS	0.08
	187.308					80#	OH		GONDOLA	-108 KIPS	-111 KIPS	0.20
	187.164					80#	OH		GONDOLA	-162 KIPS	-165 KIPS	0.29
	187.157					80#	OH		GMHC	-165 KIPS	-92 KIPS	0.35
	187.144					80#	OH		GM108	-92 KIPS	0 KIPS	0.19
0:17:30	187.964	0	20	RUN	6	628	REL	REL	SD40	0 KIPS	42 KIPS	0.00
	187.952					80#	OH		SD40	42 KIPS	85 KIPS	0.00
	187.939					80#	OH		GONDOLA	85 KIPS	83 KIPS	0.00
	187.798					80#	OH		GONDOLA	48 KIPS	46 KIPS	0.12
	187.652					80#	OH		GONDOLA	-53 KIPS	-53 KIPS	0.11
HELPERS	187.508					80#	OH		GONDOLA	-51 KIPS	-54 KIPS	0.13
	187.364					80#	OH		GONDOLA	-107 KIPS	-110 KIPS	0.20
	187.220					80#	OH		GONDOLA	-162 KIPS	-165 KIPS	0.29
	187.212					80#	OH		GMHC	-165 KIPS	-92 KIPS	0.35
	187.199					80#	OH		GM108	-92 KIPS	0 KIPS	0.19
-----> TRAIN ENTERING 4.00 DEGREE CURVE												
0:17:40	188.020	0	20	RUN	6	623	REL	REL	SD40	0 KIPS	42 KIPS	0.15
	188.008					80#	OH		SD40	42 KIPS	85 KIPS	0.15
	187.996					80#	OH		GONDOLA	85 KIPS	83 KIPS	0.10
	187.852					80#	OH		GONDOLA	48 KIPS	46 KIPS	0.00
	187.708					80#	OH		GONDOLA	28 KIPS	-12 KIPS	0.11
HELPERS	187.564					80#	OH		GONDOLA	-51 KIPS	-54 KIPS	0.14
	187.420					80#	OH		GONDOLA	-97 KIPS	-100 KIPS	0.19
	187.276					80#	OH		GONDOLA	-160 KIPS	-163 KIPS	0.29
	187.268					80#	OH		GMHC	-163 KIPS	-92 KIPS	0.35
	187.255					80#	OH		GM108	-92 KIPS	0 KIPS	0.19
-----> TRAIN ENTERING 0.85 % GRADE												

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE KIPS:CAR	MAXIMUMS (AND LOCATION) L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	DRABAR FORCES AFT	
0:17:50	188.078	0	20	RUN 6	631	REL	REL	80#	0#	-163:99	45:99	42 KIPS	0.13
	188.084							80#	0#			84 KIPS	0.15
	188.091							80#	0#			82 KIPS	0.10
	187.908							80#	0#			49 KIPS	0.00
	187.784							80#	0#			43 KIPS	0.11
	187.620							80#	0#			-47 KIPS	0.13
	187.476							80#	0#			-96 KIPS	0.11
	187.332							80#	0#			-163 KIPS	0.35
HELPERS	187.324							80#	0#			-91 KIPS	0.45
	187.311							80#	0#			0 KIPS	0.25
0:18:0	188.133	0	21	RUN 6	620	REL	REL	80#	0#	-162:99	46:99	42 KIPS	0.13
	188.120							80#	0#			83 KIPS	0.15
	188.108							80#	0#			81 KIPS	0.10
	187.984							80#	0#			43 KIPS	0.00
	187.820							80#	0#			-53 KIPS	0.11
	187.676							80#	0#			-74 KIPS	0.18
	187.532							80#	0#			-119 KIPS	0.24
	187.388							80#	0#			-162 KIPS	0.35
HELPERS	187.341							80#	0#			-91 KIPS	0.48
	187.368							80#	0#			0 KIPS	0.28
0:18:10	188.190	0	21	RUN 6	609	REL	REL	80#	0#	-162:99	46:99	40 KIPS	0.13
	188.178							80#	0#			79 KIPS	0.14
	188.165							80#	0#			76 KIPS	0.10
	188.021							80#	0#			28 KIPS	0.10
	187.876							80#	0#			-30 KIPS	0.03
	187.734							80#	0#			-74 KIPS	0.18
	187.590							80#	0#			-120 KIPS	0.25
	187.446							80#	0#			-162 KIPS	0.35
HELPERS	187.438							80#	0#			-91 KIPS	0.46
	187.425							80#	0#			0 KIPS	0.29
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0:18:20	188.248	0	21	RUN 6	608	REL	REL	80#	0#	-167:99	39:98	40 KIPS	0.13
	188.236							80#	0#			79 KIPS	0.15
	188.224							80#	0#			77 KIPS	0.13
	188.080							80#	0#			28 KIPS	0.10
	187.938							80#	0#			-35 KIPS	0.04
	187.792							80#	0#			-75 KIPS	0.17
	187.648							80#	0#			-123 KIPS	0.25
	187.504							80#	0#			-167 KIPS	0.39
HELPERS	187.498							80#	0#			-93 KIPS	0.38
	187.483							80#	0#			0 KIPS	0.25

QCM D-96-E/O/

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS REL	BRAKES TAN INO PIPE	SETTING REL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	AFT	
0:18:30	188.307	0	21	RUN	6	594	REL	REL	80#	0#	0#	0#	0.00
	188.285								80#	0#	0#	0#	0.01
	188.282								80#	0#	0#	0#	0.10
	188.138								80#	0#	0#	0#	0.10
	187.994								80#	0#	0#	0#	0.11
	187.851								80#	0#	0#	0#	0.08
	187.707								80#	0#	0#	0#	0.25
	187.563								80#	0#	0#	0#	0.31
	187.555								80#	0#	0#	0#	0.39
	187.542								80#	0#	0#	0#	0.27
HELPERS	188.366								80#	0#	0#	0#	0.00
	188.354								80#	0#	0#	0#	0.00
0:18:40	188.342	0	21	RUN	6	596	REL	REL	80#	0#	0#	0#	0.00
	188.188								80#	0#	0#	0#	0.10
	188.054								80#	0#	0#	0#	0.11
	187.910								80#	0#	0#	0#	0.08
	187.768								80#	0#	0#	0#	0.24
	187.622								80#	0#	0#	0#	0.31
	187.614								80#	0#	0#	0#	0.38
HELPERS	187.601								80#	0#	0#	0#	0.21
0:18:50	188.426	0	22	RUN	6	589	REL	REL	80#	0#	0#	0#	0.00
	188.414								80#	0#	0#	0#	0.00
	188.401								80#	0#	0#	0#	0.10
	188.257								80#	0#	0#	0#	0.11
	188.114								80#	0#	0#	0#	0.10
	187.970								80#	0#	0#	0#	0.24
	187.828								80#	0#	0#	0#	0.31
	187.682								80#	0#	0#	0#	0.36
	187.674								80#	0#	0#	0#	0.21
HELPERS	187.661								80#	0#	0#	0#	0.00
0:19:00	188.486	0	22	RUN	6	587	REL	REL	80#	0#	0#	0#	0.00
	188.474								80#	0#	0#	0#	0.00
	188.462								80#	0#	0#	0#	0.00
	188.318								80#	0#	0#	0#	0.00
	188.174								80#	0#	0#	0#	0.11
	188.030								80#	0#	0#	0#	0.19
	187.886								80#	0#	0#	0#	0.13
	187.742								80#	0#	0#	0#	0.31
HELPERS	187.734								80#	0#	0#	0#	0.38
	187.721								80#	0#	0#	0#	0.21

-----> TRAIN ENTERING 4.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT	THLE RUN	AMPS REL	SETTING REL	BRAKES TRN IND PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABBAR FORCES FORE	AFT	
0:19:10	188.547	0	22	RUN	8	588	REL	REL	80#	0#	0#	0#	0.15
	188.534								80#	0#	0#	0#	0.13
	188.522								80#	0#	0#	0#	0.04
	188.378								80#	0#	0#	0#	0.00
	188.234								80#	0#	0#	0#	0.10
	188.090								80#	0#	0#	0#	0.14
	187.946								80#	0#	0#	0#	0.31
	187.802								80#	0#	0#	0#	0.36
	187.795								80#	0#	0#	0#	0.21
	187.782								80#	0#	0#	0#	0.12
0:19:20	188.607	0	22	RUN	6	580	REL	REL	80#	0#	0#	0#	0.18
	188.595								80#	0#	0#	0#	0.17
	188.583								80#	0#	0#	0#	0.00
	188.439								80#	0#	0#	0#	0.03
	188.295								80#	0#	0#	0#	0.19
	188.151								80#	0#	0#	0#	0.24
	188.007								80#	0#	0#	0#	0.29
	187.853								80#	0#	0#	0#	0.35
	187.856								80#	0#	0#	0#	0.19
	187.843								80#	0#	0#	0#	0.12
0:19:30	188.698	0	22	RUN	8	582	REL	REL	80#	0#	0#	0#	0.14
	188.686								80#	0#	0#	0#	0.10
	188.644								80#	0#	0#	0#	0.00
	188.500								80#	0#	0#	0#	0.03
	188.356								80#	0#	0#	0#	0.17
	188.212								80#	0#	0#	0#	0.23
	188.068								80#	0#	0#	0#	0.29
	187.924								80#	0#	0#	0#	0.35
	187.917								80#	0#	0#	0#	0.18
	187.904								80#	0#	0#	0#	0.12
0:19:40	188.728	0	22	RUN	8	582	REL	REL	80#	0#	0#	0#	0.14
	188.717								80#	0#	0#	0#	0.10
	188.705								80#	0#	0#	0#	0.03
	188.561								80#	0#	0#	0#	0.17
	188.417								80#	0#	0#	0#	0.23
	188.273								80#	0#	0#	0#	0.29
	188.129								80#	0#	0#	0#	0.35
	187.985								80#	0#	0#	0#	0.18
	187.978								80#	0#	0#	0#	0.14
	187.964								80#	0#	0#	0#	0.10

-----> TRAIN ENTERING 0.71 % GRADE

STATION TIME	MP	SPEED LMT RUN	THULE RUN	AMPS TRN	SETTING IND	BRAKES PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0:19:50	188.790	0	22	RUN	8	582	REL	REL	80#	0#	0 KIPS	38 KIPS	0.12
	188.778								80#	0#	38 KIPS	78 KIPS	0.14
	188.766								80#	0#	76 KIPS	74 KIPS	0.10
	188.622								80#	0#	32 KIPS	30 KIPS	0.10
	188.478								80#	0#	-24 KIPS	-27 KIPS	0.03
	188.334								80#	0#	-66 KIPS	-69 KIPS	0.08
	188.190								80#	0#	-113 KIPS	-116 KIPS	0.23
	188.046								80#	0#	-160 KIPS	-162 KIPS	0.37
HELPERS	188.038								80#	0#	-91 KIPS	-91 KIPS	0.49
	188.025								80#	0#	0 KIPS	0 KIPS	0.27
0:20:0	188.851	0	22	RUN	8	585	REL	REL	80#	0#	0 KIPS	38 KIPS	0.12
	188.839								80#	0#	36 KIPS	78 KIPS	0.14
	188.828								80#	0#	76 KIPS	74 KIPS	0.10
	188.682								80#	0#	34 KIPS	31 KIPS	0.10
	188.538								80#	0#	-19 KIPS	-22 KIPS	0.10
	188.395								80#	0#	-64 KIPS	-66 KIPS	0.07
	188.251								80#	0#	-108 KIPS	-110 KIPS	0.23
	188.107								80#	0#	-158 KIPS	-161 KIPS	0.37
HELPERS	188.098								80#	0#	-81 KIPS	-81 KIPS	0.49
	188.086								80#	0#	0 KIPS	0 KIPS	0.27
0:20:10	188.912	0	22	RUN	8	584	REL	REL	80#	0#	0 KIPS	38 KIPS	0.12
	188.899								80#	0#	38 KIPS	76 KIPS	0.14
	188.887								80#	0#	76 KIPS	74 KIPS	0.10
	188.743								80#	0#	31 KIPS	29 KIPS	0.10
	188.599								80#	0#	-22 KIPS	-24 KIPS	0.10
	188.455								80#	0#	-68 KIPS	-70 KIPS	0.08
	188.311								80#	0#	-112 KIPS	-114 KIPS	0.13
	188.167								80#	0#	-158 KIPS	-161 KIPS	0.37
HELPERS	188.160								80#	0#	-81 KIPS	-81 KIPS	0.49
	188.147								80#	0#	0 KIPS	0 KIPS	0.27
0:20:20	188.972	0	22	RUN	8	585	REL	REL	80#	0#	0 KIPS	38 KIPS	0.12
	188.960								80#	0#	38 KIPS	77 KIPS	0.14
	188.947								80#	0#	77 KIPS	74 KIPS	0.10
	188.804								80#	0#	34 KIPS	32 KIPS	0.10
	188.660								80#	0#	-19 KIPS	-22 KIPS	0.10
	188.516								80#	0#	-67 KIPS	-69 KIPS	0.08
	188.372								80#	0#	-111 KIPS	-113 KIPS	0.12
	188.228								80#	0#	-158 KIPS	-161 KIPS	0.37
HELPERS	188.220								80#	0#	-81 KIPS	-81 KIPS	0.49
	188.207								80#	0#	0 KIPS	0 KIPS	0.27

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	BRAKES IND PIPE CYL	PRESSURE SETTING	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAWBAR FORCES FORE	DRAWBAR FORCES AFT	
0:20:30	189.033	0	22	RUN 6	585	REL	REL	1	SD40	0 KIPS	39 KIPS	0.12
	189.020				80#	0#	0#	2	SD40	39 KIPS	77 KIPS	0.15
	189.008				80#	0#	0#	3	GONDOLA	77 KIPS	75 KIPS	0.10
	188.884				80#	0#	0#	22	GONDOLA	34 KIPS	32 KIPS	0.10
	188.720				80#	0#	0#	41	GONDOLA	-19 KIPS	-21 KIPS	0.10
	188.576				80#	0#	0#	60	GONDOLA	-69 KIPS	-71 KIPS	0.17
	188.432				80#	0#	0#	79	GONDOLA	-115 KIPS	-117 KIPS	0.13
	188.288				80#	0#	0#	98	GONDOLA	-159 KIPS	-162 KIPS	0.39
HELPERS	188.281			RUN 6	956	REL	REL	99	GM6C	-162 KIPS	-91 KIPS	0.50
	188.288				80#	0#	0#	100	GM10B	-91 KIPS	0 KIPS	0.32
0:20:40	189.083	0	22	RUN 6	582	REL	REL	1	SD40	0 KIPS	38 KIPS	0.00
	189.081				80#	0#	0#	2	SD40	38 KIPS	77 KIPS	0.00
	189.089				80#	0#	0#	3	GONDOLA	77 KIPS	75 KIPS	0.00
	188.925				80#	0#	0#	22	GONDOLA	36 KIPS	33 KIPS	0.10
	188.781				80#	0#	0#	41	GONDOLA	-19 KIPS	-21 KIPS	0.10
	188.637				80#	0#	0#	60	GONDOLA	-67 KIPS	-70 KIPS	0.17
	188.493				80#	0#	0#	79	GONDOLA	-114 KIPS	-117 KIPS	0.13
	188.349				80#	0#	0#	98	GONDOLA	-159 KIPS	-162 KIPS	0.29
HELPERS	188.342			RUN 6	953	REL	REL	99	GM6C	-162 KIPS	-91 KIPS	0.34
	188.328				80#	0#	0#	100	GM10B	-91 KIPS	0 KIPS	0.19
-----> TRAIN ENTERING 4.00 DEGREE CURVE												
0:20:50	189.154	0	22	RUN 6	582	REL	REL	1	SD40	0 KIPS	39 KIPS	0.15
	189.142				80#	0#	0#	2	SD40	39 KIPS	77 KIPS	0.12
	189.130				80#	0#	0#	3	GONDOLA	77 KIPS	75 KIPS	0.03
	188.986				80#	0#	0#	22	GONDOLA	41 KIPS	38 KIPS	0.10
	188.842				80#	0#	0#	41	GONDOLA	-10 KIPS	-13 KIPS	0.10
	188.698				80#	0#	0#	60	GONDOLA	-58 KIPS	-61 KIPS	0.15
	188.554				80#	0#	0#	79	GONDOLA	-111 KIPS	-114 KIPS	0.22
	188.410				80#	0#	0#	98	GONDOLA	-159 KIPS	-161 KIPS	0.29
HELPERS	188.402			RUN 6	954	REL	REL	99	GM6C	-161 KIPS	-91 KIPS	0.34
	188.389				80#	0#	0#	100	GM10B	-91 KIPS	0 KIPS	0.18
0:21:00	189.215	0	22	RUN 6	580	REL	REL	1	SD40	0 KIPS	38 KIPS	0.12
	189.203				80#	0#	0#	2	SD40	38 KIPS	76 KIPS	0.15
	189.191				80#	0#	0#	3	GONDOLA	76 KIPS	74 KIPS	0.12
	189.047				80#	0#	0#	22	GONDOLA	39 KIPS	37 KIPS	0.00
	188.903				80#	0#	0#	41	GONDOLA	-17 KIPS	-19 KIPS	0.10
	188.759				80#	0#	0#	60	GONDOLA	-62 KIPS	-65 KIPS	0.16
	188.615				80#	0#	0#	79	GONDOLA	-110 KIPS	-113 KIPS	0.22
	188.471				80#	0#	0#	98	GONDOLA	-159 KIPS	-161 KIPS	0.29
HELPERS	188.464			RUN 6	953	REL	REL	99	GM6C	-161 KIPS	-91 KIPS	0.34
	188.450				80#	0#	0#	100	GM10B	-91 KIPS	0 KIPS	0.19

QCM D-98-E/O/

STATION TIME	SPEED LMT RUN	THITLE	AMPS TRN	BRAKES IND PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO					
									DRAMBAR FORCES FORE	DRAMBAR FORCES AFT						
O:21:10	189.277	0	22	RUN	6	577 REL	REL	80#	0#	-181:99 .34:99	1	SD40	0 KIPS	37 KIPS	0.12	
	189.284							80#	0#		2	SD40	37 KIPS	75 KIPS	0.13	
	189.292							80#	0#		3	GONDOLA	75 KIPS	72 KIPS	0.10	
	189.108							80#	0#		22	GONDOLA	31 KIPS	29 KIPS	0.00	
	188.984							80#	0#		41	GONDOLA	-17 KIPS	-19 KIPS	0.10	
	188.820							80#	0#		60	GONDOLA	-82 KIPS	-84 KIPS	0.16	
	188.678							80#	0#		79	GONDOLA	-109 KIPS	-111 KIPS	0.22	
HELPERS	188.532							80#	0#		98	GONDOLA	-158 KIPS	-161 KIPS	0.30	
	188.525							80#	0#		99	GM6C	-161 KIPS	-90 KIPS	0.34	
	188.512							80#	0#		100	GM10B	-90 KIPS	0 KIPS	0.19	
	-----> TRAIN ENTERING 1.07 X GRADE															
	189.338	0	22	RUN	6	580 REL	REL	80#	0#	-180:99 .48:99	1	SD40	0 KIPS	37 KIPS	0.12	
O:21:20	189.328							80#	0#		2	SD40	37 KIPS	74 KIPS	0.13	
	189.314							80#	0#		3	GONDOLA	74 KIPS	72 KIPS	0.10	
	189.170							80#	0#		22	GONDOLA	31 KIPS	30 KIPS	0.10	
	189.026							80#	0#		41	GONDOLA	-15 KIPS	-17 KIPS	0.10	
	188.882							80#	0#		60	GONDOLA	-59 KIPS	-62 KIPS	0.15	
	188.738							80#	0#		79	GONDOLA	-108 KIPS	-109 KIPS	0.22	
	188.594							80#	0#		98	GONDOLA	-157 KIPS	-160 KIPS	0.37	
HELPERS	188.586							80#	0#		99	GM6C	-160 KIPS	-90 KIPS	0.48	
	188.573							80#	0#		100	GM10B	-90 KIPS	0 KIPS	0.27	
	188.400	0	22	RUN	6	578 REL	REL	80#	0#	-180:99 .49:99	1	SD40	0 KIPS	38 KIPS	0.12	
	189.387							80#	0#		2	SD40	38 KIPS	73 KIPS	0.13	
	189.375							80#	0#		3	GONDOLA	73 KIPS	69 KIPS	0.10	
O:21:30	189.231							80#	0#		22	GONDOLA	24 KIPS	22 KIPS	0.09	
	189.087							80#	0#		41	GONDOLA	-34 KIPS	-35 KIPS	0.04	
	188.943							80#	0#		60	GONDOLA	-71 KIPS	-73 KIPS	0.17	
	188.799							80#	0#		79	GONDOLA	-114 KIPS	-118 KIPS	0.23	
	188.655							80#	0#		98	GONDOLA	-158 KIPS	-160 KIPS	0.37	
	188.648							80#	0#		99	GM6C	-160 KIPS	-90 KIPS	0.49	
	188.635							80#	0#		100	GM10B	-90 KIPS	0 KIPS	0.27	
O:21:40	189.481	0	22	RUN	6	578 REL	REL	80#	0#	-181:99 .49:99	1	SD40	0 KIPS	38 KIPS	0.12	
	189.449							80#	0#		2	SD40	38 KIPS	73 KIPS	0.13	
	189.436							80#	0#		3	GONDOLA	73 KIPS	70 KIPS	0.10	
	189.293							80#	0#		22	GONDOLA	18 KIPS	13 KIPS	0.09	
	189.149							80#	0#		41	GONDOLA	-35 KIPS	-36 KIPS	0.11	
	189.005							80#	0#		60	GONDOLA	-71 KIPS	-73 KIPS	0.18	
	188.861							80#	0#		79	GONDOLA	-114 KIPS	-117 KIPS	0.23	
HELPERS	188.717							80#	0#		98	GONDOLA	-159 KIPS	-161 KIPS	0.37	
	188.709							80#	0#		99	GM6C	-161 KIPS	-91 KIPS	0.49	
	188.698							80#	0#		100	GM10B	-91 KIPS	0 KIPS	0.27	

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
O:21:50	189.522	0	22	RUN	6	582	REL	REL	80#	O#	0#	0#	0.12
	189.510								80#	O#	37 KIPS	74 KIPS	0.13
	189.498								80#	O#	74 KIPS	71 KIPS	0.10
	189.354								80#	O#	18 KIPS	15 KIPS	0.09
	189.210								80#	O#	-47 KIPS	-49 KIPS	0.14
HELPERS	189.068								80#	O#	-84 KIPS	-85 KIPS	0.10
	188.922								80#	O#	-120 KIPS	-122 KIPS	0.23
	188.778								80#	O#	-160 KIPS	-162 KIPS	0.37
	188.770								80#	O#	-162 KIPS	-92 KIPS	0.49
	188.757								80#	O#	-92 KIPS	0 KIPS	0.27
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
O:22:0	189.583	0	22	RUN	6	581	REL	REL	80#	O#	0 KIPS	38 KIPS	0.12
	189.571								80#	O#	38 KIPS	75 KIPS	0.15
	189.559								80#	O#	75 KIPS	73 KIPS	0.15
	189.415								80#	O#	22 KIPS	19 KIPS	0.09
	189.271								80#	O#	-48 KIPS	-50 KIPS	0.14
HELPERS	189.127								80#	O#	-85 KIPS	-87 KIPS	0.10
	188.983								80#	O#	-120 KIPS	-122 KIPS	0.24
	188.839								80#	O#	-161 KIPS	-163 KIPS	0.37
	188.831								80#	O#	-163 KIPS	-92 KIPS	0.49
	188.818								80#	O#	-92 KIPS	0 KIPS	0.27
O:22:10	189.844	0	22	RUN	6	589	REL	REL	80#	O#	0 KIPS	38 KIPS	0.00
	189.831								80#	O#	38 KIPS	76 KIPS	0.00
	189.619								80#	O#	76 KIPS	74 KIPS	0.00
	189.475								80#	O#	23 KIPS	23 KIPS	0.09
	189.331								80#	O#	-40 KIPS	-43 KIPS	0.13
HELPERS	189.187								80#	O#	-87 KIPS	-88 KIPS	0.21
	189.043								80#	O#	-123 KIPS	-125 KIPS	0.14
	188.899								80#	O#	-161 KIPS	-163 KIPS	0.38
	188.892								80#	O#	-163 KIPS	-92 KIPS	0.49
	188.879								80#	O#	-92 KIPS	0 KIPS	0.27
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
O:22:20	189.704	0	21	RUN	6	580	REL	REL	80#	O#	0 KIPS	38 KIPS	0.13
	189.691								80#	O#	38 KIPS	75 KIPS	0.15
	189.679								80#	O#	75 KIPS	73 KIPS	0.13
	189.535								80#	O#	23 KIPS	21 KIPS	0.09
	189.391								80#	O#	-42 KIPS	-45 KIPS	0.13
HELPERS	189.247								80#	O#	-91 KIPS	-93 KIPS	0.21
	189.103								80#	O#	-128 KIPS	-130 KIPS	0.14
	188.959								80#	O#	-162 KIPS	-164 KIPS	0.38
	188.952								80#	O#	-164 KIPS	-92 KIPS	0.49
	188.939								80#	O#	-92 KIPS	0 KIPS	0.27

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STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS REL	SETTING REL	BRAKES TRN IND PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:22:30	189.783	0	21	RUN	6	599	REL	REL	80#	0#	0 KIPS	39 KIPS	0.12
	189.781								80#	0#	39 KIPS	77 KIPS	0.14
	189.738								80#	0#	77 KIPS	74 KIPS	0.10
	189.594								80#	0#	27 KIPS	24 KIPS	0.00
	189.450								80#	0#	-32 KIPS	-35 KIPS	0.11
	189.306								80#	0#	-88 KIPS	-90 KIPS	0.20
	189.162								80#	0#	-128 KIPS	-130 KIPS	0.26
	189.019								80#	0#	-162 KIPS	-164 KIPS	0.38
	189.011								80#	0#	-164 KIPS	-91 KIPS	0.51
	188.988								80#	0#	0 KIPS	0 KIPS	0.32
0:22:40	189.821								80#	0#	0 KIPS	39 KIPS	0.12
	189.809								80#	0#	39 KIPS	78 KIPS	0.14
	189.787								80#	0#	78 KIPS	75 KIPS	0.10
	189.683								80#	0#	25 KIPS	23 KIPS	0.10
	189.508								80#	0#	-31 KIPS	-33 KIPS	0.11
	189.385								80#	0#	-88 KIPS	-89 KIPS	0.20
	189.221								80#	0#	-131 KIPS	-133 KIPS	0.25
	189.077								80#	0#	-164 KIPS	-166 KIPS	0.29
	189.069								80#	0#	-93 KIPS	-93 KIPS	0.35
	189.059								80#	0#	0 KIPS	0 KIPS	0.19
0:22:50	189.879								80#	0#	0 KIPS	40 KIPS	0.12
	189.867								80#	0#	40 KIPS	80 KIPS	0.14
	189.854								80#	0#	80 KIPS	78 KIPS	0.10
	189.710								80#	0#	27 KIPS	24 KIPS	0.10
	189.566								80#	0#	-27 KIPS	-29 KIPS	0.10
	189.422								80#	0#	-81 KIPS	-84 KIPS	0.20
	189.278								80#	0#	-130 KIPS	-132 KIPS	0.25
	189.135								80#	0#	-165 KIPS	-167 KIPS	0.30
	189.127								80#	0#	-93 KIPS	-93 KIPS	0.36
	189.114								80#	0#	0 KIPS	0 KIPS	0.20
0:23:0	189.935								80#	0#	41 KIPS	41 KIPS	0.12
	189.923								80#	0#	83 KIPS	83 KIPS	0.14
	189.811								80#	0#	80 KIPS	80 KIPS	0.10
	189.767								80#	0#	30 KIPS	27 KIPS	0.10
	189.623								80#	0#	-22 KIPS	-25 KIPS	0.03
	189.479								80#	0#	-73 KIPS	-76 KIPS	0.18
	189.336								80#	0#	-127 KIPS	-130 KIPS	0.24
	189.191								80#	0#	-184 KIPS	-186 KIPS	0.37
	189.183								80#	0#	-168 KIPS	-92 KIPS	0.38
	189.170								80#	0#	-92 KIPS	0 KIPS	0.25

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	SPEED LMT RUN	THYLE AMPS	SETTING TRN IND PIPE	BRAKES PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
								DRAWBAR FORCES FORE	FORCES AFT		
0:23:10	189.990	0	20 RUN 6	642 REL REL	80# 0#	-188:99	.35:99	SD40	0 KIPS	43 KIPS	0.12
	189.978				80# 0#			SD40	43 KIPS	86 KIPS	0.15
	189.966				80# 0#			GONDOLA	86 KIPS	84 KIPS	0.13
	189.822				80# 0#			GONDOLA	34 KIPS	31 KIPS	0.10
	189.678				80# 0#			GONDOLA	-22 KIPS	-25 KIPS	0.10
	189.534				80# 0#			GONDOLA	-69 KIPS	-71 KIPS	0.17
	189.390				80# 0#			GONDOLA	-121 KIPS	-124 KIPS	0.24
	189.246				80# 0#			GONDOLA	-166 KIPS	-168 KIPS	0.31
	189.239		RUN 6	989 REL REL	80# 0#			GM6C	-94 KIPS	-94 KIPS	0.35
	189.225				80# 0#			GM10B	0 KIPS	0 KIPS	0.22
-----> TRAIN ENTERING 4.00 DEGREE CURVE											
0:23:20	190.044	0	19 RUN 6	666 REL REL	80# 0#	-188:99	.35:99	SD40	0 KIPS	45 KIPS	0.15
	190.032				80# 0#			SD40	45 KIPS	90 KIPS	0.17
	190.018				80# 0#			GONDOLA	90 KIPS	88 KIPS	0.14
	189.875				80# 0#			GONDOLA	49 KIPS	47 KIPS	0.10
	189.731				80# 0#			GONDOLA	24 KIPS	24 KIPS	0.10
	189.587				80# 0#			GONDOLA	-59 KIPS	-62 KIPS	0.07
	189.444				80# 0#			GONDOLA	-113 KIPS	-116 KIPS	0.23
	189.300				80# 0#			GONDOLA	-166 KIPS	-168 KIPS	0.31
	189.292		RUN 6	997 REL REL	80# 0#			GM6C	-94 KIPS	-94 KIPS	0.35
	189.279				80# 0#			GM10B	0 KIPS	0 KIPS	0.22
0:23:30	190.086	0	19 RUN 6	978 REL REL	80# 0#	-187:99	.35:99	SD40	0 KIPS	45 KIPS	0.14
	190.084				80# 0#			SD40	45 KIPS	91 KIPS	0.10
	190.071				80# 0#			GONDOLA	91 KIPS	88 KIPS	0.10
	189.928				80# 0#			GONDOLA	48 KIPS	46 KIPS	0.10
	189.784				80# 0#			GONDOLA	-29 KIPS	-26 KIPS	0.10
	189.640				80# 0#			GONDOLA	-72 KIPS	-74 KIPS	0.08
	189.496				80# 0#			GONDOLA	-115 KIPS	-118 KIPS	0.23
	189.352				80# 0#			GONDOLA	-165 KIPS	-167 KIPS	0.31
	189.344				80# 0#			GONDOLA	-93 KIPS	-93 KIPS	0.35
	189.331		RUN 6	1004 REL REL	80# 0#			GM6C	-93 KIPS	0 KIPS	0.22
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
0:23:40	190.147	0	18 RUN 6	692 REL REL	80# 0#	-168:99	.35:99	SD40	0 KIPS	48 KIPS	0.12
	190.135				80# 0#			SD40	48 KIPS	95 KIPS	0.15
	190.122				80# 0#			GONDOLA	95 KIPS	92 KIPS	0.10
	189.978				80# 0#			GONDOLA	48 KIPS	46 KIPS	0.10
	189.835				80# 0#			GONDOLA	-54 KIPS	-56 KIPS	0.10
	189.691				80# 0#			GONDOLA	-72 KIPS	-75 KIPS	0.17
	189.547				80# 0#			GONDOLA	-116 KIPS	-118 KIPS	0.23
	189.403				80# 0#			GONDOLA	-165 KIPS	-168 KIPS	0.31
	189.395		RUN 6	1011 REL REL	80# 0#			GM6C	-93 KIPS	-93 KIPS	0.35
	189.382				80# 0#			GM10B	0 KIPS	0 KIPS	0.22
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
0:23:50	190.147	0	18 RUN 6	692 REL REL	80# 0#	-168:99	.35:99	SD40	0 KIPS	48 KIPS	0.12
	190.135				80# 0#			SD40	48 KIPS	95 KIPS	0.15
	190.122				80# 0#			GONDOLA	95 KIPS	92 KIPS	0.10
	189.978				80# 0#			GONDOLA	48 KIPS	46 KIPS	0.10
	189.835				80# 0#			GONDOLA	-54 KIPS	-56 KIPS	0.10
	189.691				80# 0#			GONDOLA	-72 KIPS	-75 KIPS	0.17
	189.547				80# 0#			GONDOLA	-116 KIPS	-118 KIPS	0.23
	189.403				80# 0#			GONDOLA	-165 KIPS	-168 KIPS	0.31
	189.395		RUN 6	1011 REL REL	80# 0#			GM6C	-93 KIPS	-93 KIPS	0.35
	189.382				80# 0#			GM10B	0 KIPS	0 KIPS	0.22

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STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING TRN IND PIPE	BRAKES CYL	PRESSURE KIPS:CAR L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRABAR FORCES FORE	FORCES AFT	
0:23:50	190.197	0	18	RUN 6	713	REL	80# 0# -168:99 35:99	1	SD40	0 KIPS	49 KIPS	0.02
	190.185						80# 0#	2	SD40	49 KIPS	98 KIPS	0.17
	190.172						80# 0#	3	GONDOLA	98 KIPS	98 KIPS	0.14
	190.028						80# 0#	22	GONDOLA	49 KIPS	48 KIPS	0.11
	189.884						80# 0#	41	GONDOLA	-19 KIPS	-17 KIPS	0.10
	189.740						80# 0#	60	GONDOLA	-85 KIPS	-88 KIPS	0.15
	189.598						80# 0#	79	GONDOLA	-118 KIPS	-118 KIPS	0.13
	189.452						80# 0#	98	GONDOLA	-165 KIPS	-168 KIPS	0.31
	189.445						80# 0#	99	GM6C	-168 KIPS	-93 KIPS	0.35
	189.432						80# 0#	100	GM10B	-93 KIPS	0 KIPS	0.22
HELPERS												
	189.445						80# 0#	1	SD40	0 KIPS	49 KIPS	0.00
	189.432						80# 0#	2	SD40	49 KIPS	98 KIPS	0.00
	189.233						80# 0#	3	GONDOLA	99 KIPS	98 KIPS	0.00
	190.221						80# 0#	22	GONDOLA	48 KIPS	43 KIPS	0.10
	190.077						80# 0#	41	GONDOLA	-14 KIPS	-17 KIPS	0.10
	189.933						80# 0#	60	GONDOLA	-88 KIPS	-89 KIPS	0.18
	189.789						80# 0#	79	GONDOLA	-118 KIPS	-121 KIPS	0.13
	189.645						80# 0#	98	GONDOLA	-165 KIPS	-169 KIPS	0.31
	189.501						80# 0#	99	GM6C	-169 KIPS	-93 KIPS	0.35
	189.494						80# 0#	100	GM10B	-93 KIPS	0 KIPS	0.22
HELPERS												
	189.481						80# 0#	1	SD40	0 KIPS	51 KIPS	0.00
	190.294						80# 0#	2	SD40	51 KIPS	102 KIPS	0.00
	190.281						80# 0#	3	GONDOLA	102 KIPS	100 KIPS	0.00
	190.269						80# 0#	22	GONDOLA	58 KIPS	54 KIPS	0.10
	190.125						80# 0#	41	GONDOLA	-54 KIPS	-53 KIPS	0.10
	189.981						80# 0#	60	GONDOLA	-81 KIPS	-84 KIPS	0.14
	189.837						80# 0#	79	GONDOLA	-116 KIPS	-118 KIPS	0.22
	189.693						80# 0#	98	GONDOLA	-165 KIPS	-168 KIPS	0.31
	189.549						80# 0#	99	GM6C	-168 KIPS	-93 KIPS	0.35
	189.542						80# 0#	100	GM10B	-93 KIPS	0 KIPS	0.22
HELPERS												
	189.528						80# 0#	1	SD40	0 KIPS	51 KIPS	0.00
PS L. JEAN.												
	190.300						80# 0#	2	SD40	51 KIPS	102 KIPS	0.00
	190.288						80# 0#	3	GONDOLA	102 KIPS	100 KIPS	0.00
	190.275						80# 0#	22	GONDOLA	57 KIPS	54 KIPS	0.10
	190.131						80# 0#	41	GONDOLA	17 KIPS	-9 KIPS	0.00
	189.987						80# 0#	60	GONDOLA	-55 KIPS	-58 KIPS	0.13
	189.844						80# 0#	79	GONDOLA	-113 KIPS	-118 KIPS	0.22
	189.700						80# 0#	98	GONDOLA	-167 KIPS	-170 KIPS	0.30
	189.556						80# 0#	99	GM6C	-170 KIPS	-93 KIPS	0.35
	189.548						80# 0#	100	GM10B	-93 KIPS	0 KIPS	0.19
HELPERS												
	189.535						80# 0#					

-----> TRAIN ENTERING 0.00 % GRADE

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS 743	SETTING REL	TRN IND PIPE	BRAKES CYL	PRESSURE KIPS:CAR L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO				
												FORE	AFT					
0:24:20	190.341	0	17	RUN	8	743	REL	REL	80#	0#	0#	-171:99	.36:99	1	SD40	0 KIPS	55 KIPS	0.00
	190.328								80#	0#	0#			2	SD40	55 KIPS	110 KIPS	0.00
	190.316								80#	0#	0#			3	GONDOLA	110 KIPS	110 KIPS	0.00
	190.172								80#	0#	0#			22	GONDOLA	59 KIPS	58 KIPS	0.10
	190.028								80#	0#	0#			41	GONDOLA	-12 KIPS	-11 KIPS	0.10
	189.884								80#	0#	0#			60	GONDOLA	-59 KIPS	-62 KIPS	0.14
	189.740								80#	0#	0#			79	GONDOLA	-115 KIPS	-118 KIPS	0.22
	189.598								80#	0#	0#			98	GONDOLA	-168 KIPS	-171 KIPS	0.30
	189.589								80#	0#	0#			99	GM6C	-171 KIPS	-94 KIPS	0.36
	189.576								80#	0#	0#			100	GM10B	-94 KIPS	0 KIPS	0.20
0:24:30	190.388	0	17	RUN	8	744	REL	REL	80#	0#	0#	-171:99	.36:99	1	SD40	58 KIPS	58 KIPS	0.00
	190.375								80#	0#	0#			2	SD40	111 KIPS	111 KIPS	0.00
	190.363								80#	0#	0#			3	GONDOLA	80 KIPS	77 KIPS	0.00
	190.219								80#	0#	0#			22	GONDOLA	25 KIPS	24 KIPS	0.10
	190.075								80#	0#	0#			41	GONDOLA	-56 KIPS	-59 KIPS	0.13
	189.931								80#	0#	0#			60	GONDOLA	-113 KIPS	-116 KIPS	0.22
	189.787								80#	0#	0#			79	GONDOLA	-168 KIPS	-171 KIPS	0.30
	189.643								80#	0#	0#			98	GONDOLA	-171 KIPS	-94 KIPS	0.36
	189.536								80#	0#	0#			99	GM6C	-94 KIPS	0 KIPS	0.20
	189.523								80#	0#	0#			100	GM10B	58 KIPS	58 KIPS	0.00
0:24:40	190.434	0	17	RUN	8	747	REL	REL	80#	0#	0#	-169:99	.50:99	1	SD40	111 KIPS	111 KIPS	0.00
	190.422								80#	0#	0#			2	SD40	90 KIPS	87 KIPS	0.00
	190.410								80#	0#	0#			3	GONDOLA	33 KIPS	30 KIPS	0.10
	190.286								80#	0#	0#			22	GONDOLA	-36 KIPS	-38 KIPS	0.12
	190.122								80#	0#	0#			41	GONDOLA	-99 KIPS	-103 KIPS	0.21
	189.978								80#	0#	0#			60	GONDOLA	-168 KIPS	-139 KIPS	0.38
	189.834								80#	0#	0#			79	GONDOLA	-168 KIPS	-93 KIPS	0.50
	189.690								80#	0#	0#			98	GM6C	-93 KIPS	0 KIPS	0.28
	189.682								80#	0#	0#			99	GM10B	55 KIPS	55 KIPS	0.00
	189.668								80#	0#	0#			100	SD40	110 KIPS	110 KIPS	0.00
0:24:50	190.482	0	17	RUN	8	734	REL	REL	80#	0#	0#	-168:99	.50:99	1	SD40	98 KIPS	98 KIPS	0.00
	190.469								80#	0#	0#			2	SD40	37 KIPS	33 KIPS	0.10
	190.457								80#	0#	0#			3	GONDOLA	-40 KIPS	-43 KIPS	0.11
	190.313								80#	0#	0#			22	GONDOLA	-101 KIPS	-104 KIPS	0.21
	190.169								80#	0#	0#			41	GONDOLA	-168 KIPS	-168 KIPS	0.39
	190.025								80#	0#	0#			60	GONDOLA	-93 KIPS	0 KIPS	0.50
	189.881								80#	0#	0#			79	GONDOLA	55 KIPS	55 KIPS	0.28
	189.737								80#	0#	0#			98	GONDOLA	110 KIPS	110 KIPS	0.00
	189.730								80#	0#	0#			99	GM6C	98 KIPS	98 KIPS	0.00
	189.717								80#	0#	0#			100	GM10B	37 KIPS	33 KIPS	0.10

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE CYL	SETTING REL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:25:0	190.529	0	17	RUN	6	724	REL	REL	80#	0#	0#	54 KIPS	0.00
	190.517										54 KIPS	107 KIPS	0.00
	190.505										107 KIPS	107 KIPS	0.00
	190.381										98 KIPS	97 KIPS	0.00
	190.217										54 KIPS	51 KIPS	0.00
	190.073										-29 KIPS	-33 KIPS	0.11
	189.929										-94 KIPS	-88 KIPS	0.20
	189.785										-184 KIPS	-167 KIPS	0.38
	189.778										-167 KIPS	-92 KIPS	0.50
	189.785										-92 KIPS	0 KIPS	0.28
HELPERS	189.778										0 KIPS	53 KIPS	0.00
0:25:10	190.579	0	18	RUN	6	703	REL	REL	80#	0#	53 KIPS	108 KIPS	0.00
	190.566										108 KIPS	108 KIPS	0.00
	190.554										108 KIPS	108 KIPS	0.00
	190.410										95 KIPS	95 KIPS	0.00
	190.286										54 KIPS	51 KIPS	0.00
	190.122										-25 KIPS	-28 KIPS	0.10
	189.978										-93 KIPS	-88 KIPS	0.21
	189.834										-182 KIPS	-168 KIPS	0.38
	189.827										-182 KIPS	-92 KIPS	0.50
HELPERS	189.814										0 KIPS	0 KIPS	0.28
0:25:20	190.829	0	19	RUN	6	681	REL	REL	80#	0#	0 KIPS	50 KIPS	0.00
	190.817										50 KIPS	101 KIPS	0.00
	190.605										101 KIPS	99 KIPS	0.00
	190.461										82 KIPS	82 KIPS	0.00
	190.317										68 KIPS	64 KIPS	0.00
	190.173										-51 KIPS	-24 KIPS	0.10
	190.029										-181 KIPS	-98 KIPS	0.19
	189.885										-185 KIPS	-92 KIPS	0.49
HELPERS	189.877										-92 KIPS	0 KIPS	0.28
0:25:24	190.864	0	19	RUN	6	1008	REL	REL	80#	0#	0 KIPS	49 KIPS	0.00
	190.850										49 KIPS	97 KIPS	0.00
	190.638										97 KIPS	98 KIPS	0.00
	190.625										82 KIPS	81 KIPS	0.00
	190.481										67 KIPS	66 KIPS	0.00
	190.337										11 KIPS	15 KIPS	0.00
	190.184										-79 KIPS	-83 KIPS	0.19
	190.050										-158 KIPS	-162 KIPS	0.38
HELPERS	189.898										-162 KIPS	-91 KIPS	0.49
	189.885										0 KIPS	0 KIPS	0.27

-----> RUN 3

STATION TIME	MP	SPEED LMT RUN	THTLT TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	AFT	
0:25:25	190.655	0	19	RUN	3	634	REL REL	80# 0#	1	SD40	0 KIPS	47 KIPS	0.00
	190.643							80# 0#	2	SD40	47 KIPS	95 KIPS	0.00
	190.631							80# 0#	3	GONDOLA	95 KIPS	94 KIPS	0.00
	190.487							80# 0#	22	GONDOLA	77 KIPS	76 KIPS	0.00
	190.343							80# 0#	41	GONDOLA	60 KIPS	59 KIPS	0.00
	190.199							80# 0#	60	GONDOLA	4 KIPS	-15 KIPS	0.00
	190.055							80# 0#	79	GONDOLA	-77 KIPS	-81 KIPS	0.19
	189.911							80# 0#	98	GONDOLA	-154 KIPS	-159 KIPS	0.37
	189.803							80# 0#	99	GMGC	-159 KIPS	-89 KIPS	0.48
HELPERS	189.890							80# 0#	100	GM10B	-89 KIPS	0 KIPS	0.26
	190.660							80# 0#	1	SD40	0 KIPS	43 KIPS	0.00
0:25:26	190.648	0	19	RUN	3	487	REL REL	80# 0#	2	SD40	43 KIPS	90 KIPS	0.00
	190.638							80# 0#	3	GONDOLA	90 KIPS	89 KIPS	0.00
	190.492							80# 0#	22	GONDOLA	72 KIPS	71 KIPS	0.00
	190.348							80# 0#	41	GONDOLA	53 KIPS	52 KIPS	0.00
	190.204							80# 0#	60	GONDOLA	0 KIPS	-3 KIPS	0.00
	190.060							80# 0#	79	GONDOLA	-75 KIPS	-79 KIPS	0.18
	189.916							80# 0#	98	GONDOLA	-151 KIPS	-158 KIPS	0.35
HELPERS	189.908							80# 0#	99	GMGC	-155 KIPS	-88 KIPS	0.45
	189.896							80# 0#	100	GM10B	-88 KIPS	0 KIPS	0.24
0:25:30	190.682	0	19	RUN	3	309	REL REL	80# 0#	1	SD40	0 KIPS	34 KIPS	0.00
	190.669							80# 0#	2	SD40	34 KIPS	81 KIPS	0.00
	190.657							80# 0#	3	GONDOLA	81 KIPS	80 KIPS	0.00
	190.513							80# 0#	22	GONDOLA	63 KIPS	62 KIPS	0.00
	190.369							80# 0#	41	GONDOLA	46 KIPS	45 KIPS	0.00
	190.225							80# 0#	60	GONDOLA	30 KIPS	34 KIPS	0.00
	190.081							80# 0#	79	GONDOLA	-87 KIPS	-71 KIPS	0.13
	189.937							80# 0#	98	GONDOLA	-136 KIPS	-140 KIPS	0.26
HELPERS	189.930							80# 0#	99	GMGC	-140 KIPS	-78 KIPS	0.32
	189.917							80# 0#	100	GM10B	-78 KIPS	0 KIPS	0.18
0:25:40	190.733	0	19	RUN	3	314	REL REL	80# 0#	1	SD40	0 KIPS	21 KIPS	0.00
	190.721							80# 0#	2	SD40	21 KIPS	41 KIPS	0.00
	190.709							80# 0#	3	GONDOLA	41 KIPS	42 KIPS	0.00
	190.565							80# 0#	22	GONDOLA	49 KIPS	48 KIPS	0.00
	190.421							80# 0#	41	GONDOLA	57 KIPS	57 KIPS	0.00
	190.277							80# 0#	60	GONDOLA	50 KIPS	48 KIPS	0.00
	190.133							80# 0#	79	GONDOLA	-35 KIPS	-37 KIPS	0.11
	189.989							80# 0#	98	GONDOLA	-75 KIPS	-77 KIPS	0.18
HELPERS	189.982							80# 0#	99	GMGC	-77 KIPS	-41 KIPS	0.29
	189.969							80# 0#	100	GM10B	-41 KIPS	0 KIPS	0.18

QCM D-98-E/O/

STATION TIME	MP	SPEED LMT	THITLE RUN	AMPS 318	SETTING REL	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRANBAR FORCES FORE	AFT	
0:25:50	190.785	0	18	RUN	3	318	REL	REL	1	SD40	0 KIPS	21 KIPS	0.00
	190.772								2	SD40	21 KIPS	41 KIPS	0.00
	190.760								3	GONDOLA	41 KIPS	41 KIPS	0.00
	190.618								22	GONDOLA	46 KIPS	46 KIPS	0.00
	190.472								41	GONDOLA	51 KIPS	51 KIPS	0.00
	190.328								60	GONDOLA	44 KIPS	44 KIPS	0.00
	190.184								79	GONDOLA	-36 KIPS	-33 KIPS	0.10
	190.040								98	GONDOLA	-74 KIPS	-77 KIPS	0.23
	190.033								100	GM108	-41 KIPS	-41 KIPS	0.16
	190.020								1	SD40	0 KIPS	20 KIPS	0.00
0:25:53	190.800	0	18	RUN	3	315	REL	REL	2	SD40	20 KIPS	40 KIPS	0.00
	190.788								3	GONDOLA	40 KIPS	39 KIPS	0.00
	190.775								22	GONDOLA	34 KIPS	34 KIPS	0.00
	190.631								41	GONDOLA	28 KIPS	28 KIPS	0.00
	190.487								60	GONDOLA	24 KIPS	23 KIPS	0.00
	190.344								79	GONDOLA	-23 KIPS	-26 KIPS	0.03
	190.200								98	GONDOLA	-73 KIPS	-76 KIPS	0.23
	190.056								99	GMBC	-78 KIPS	-41 KIPS	0.28
	190.048								100	GM108	-41 KIPS	0 KIPS	0.14
	190.035												
-----> 12 POUND REDUCTION													
0:25:54	190.805	0	18	RUN	1	277	REL	REL	1	SD40	0 KIPS	19 KIPS	0.00
	190.783								2	SD40	19 KIPS	38 KIPS	0.00
	190.780								3	GONDOLA	38 KIPS	38 KIPS	0.00
	190.637								22	GONDOLA	33 KIPS	33 KIPS	0.00
	190.493								41	GONDOLA	29 KIPS	29 KIPS	0.00
	190.348								60	GONDOLA	26 KIPS	25 KIPS	0.00
	190.205								79	GONDOLA	-16 KIPS	-18 KIPS	0.02
	190.061								98	GONDOLA	-69 KIPS	-72 KIPS	0.21
	190.053								99	GMBC	-72 KIPS	-38 KIPS	0.28
	190.040								100	GM108	-38 KIPS	0 KIPS	0.14
0:25:55	190.810	0	18	RUN	1	187	REL	REL	1	SD40	0 KIPS	16 KIPS	0.00
	190.798								2	SD40	16 KIPS	34 KIPS	0.00
	190.786								3	GONDOLA	34 KIPS	30 KIPS	0.00
	190.642								22	GONDOLA	30 KIPS	27 KIPS	0.00
	190.498								41	GONDOLA	27 KIPS	26 KIPS	0.00
	190.354								60	GONDOLA	28 KIPS	-8 KIPS	0.00
	190.210								79	GONDOLA	-7 KIPS	-46 KIPS	0.14
	190.066								98	GONDOLA	-44 KIPS	-25 KIPS	0.20
	190.058								99	GMBC	-46 KIPS	-25 KIPS	0.12
	190.045								100	GM108	-25 KIPS	0 KIPS	0.12

TIME	STATION	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES			L/V RATIO			
												FORWARD	FORWARD	FORWARD				
0:25:56	HELPERS	190.815	0	18	RUN	1	117	12#	REL	76#	8#	66:79	14:99	1	SD40	0 KIPS	8 KIPS	0.00
		190.803								77#	5#			2	SD40	8 KIPS	19 KIPS	0.00
		190.781								79#	2#			3	GONDOLA	19 KIPS	19 KIPS	0.00
		190.847								80#	0#			22	GONDOLA	21 KIPS	21 KIPS	0.00
		190.803								80#	0#			41	GONDOLA	23 KIPS	24 KIPS	0.00
		190.359								80#	0#			60	GONDOLA	27 KIPS	27 KIPS	0.00
		190.215								80#	0#			79	GONDOLA	68 KIPS	-3 KIPS	0.00
		190.071								78#	4#			98	GONDOLA	-40 KIPS	-43 KIPS	0.12
		190.063								76#	8#			99	GM6C	-21 KIPS	-21 KIPS	0.12
		190.050								76#	8#			100	GM10B	0 KIPS	0 KIPS	0.00
0:25:57	HELPERS	190.820	0	18	RUN	1	105	12#	REL	74#	11#	93:83	13:99	1	SD40	2 KIPS	2 KIPS	0.00
		190.808								75#	9#			2	SD40	0 KIPS	6 KIPS	0.00
		190.786								78#	4#			3	GONDOLA	6 KIPS	6 KIPS	0.00
		190.852								79#	1#			22	GONDOLA	13 KIPS	13 KIPS	0.00
		190.508								80#	1#			41	GONDOLA	21 KIPS	21 KIPS	0.00
		190.364								79#	1#			60	GONDOLA	30 KIPS	31 KIPS	0.00
		190.220								79#	2#			78	GONDOLA	86 KIPS	75 KIPS	0.00
		190.076								77#	5#			98	GONDOLA	-17 KIPS	-18 KIPS	0.11
		190.068								74#	11#			99	GM6C	-18 KIPS	-11 KIPS	0.13
		190.055								74#	11#			100	GM10B	-11 KIPS	0 KIPS	0.12
0:25:58	HELPERS	190.825	0	18	RUN	1	105	12#	REL	72#	14#	102:87	13:99	1	SD40	0 KIPS	0 KIPS	0.00
		190.813								73#	12#			2	SD40	0 KIPS	0 KIPS	0.00
		190.801								77#	6#			3	GONDOLA	0 KIPS	1 KIPS	0.00
		190.857								78#	4#			22	GONDOLA	11 KIPS	12 KIPS	0.00
		190.513								78#	3#			41	GONDOLA	22 KIPS	23 KIPS	0.00
		190.368								78#	3#			60	GONDOLA	33 KIPS	34 KIPS	0.00
		190.225								78#	4#			79	GONDOLA	47 KIPS	56 KIPS	0.00
		190.081								76#	7#			98	GONDOLA	-15 KIPS	-17 KIPS	0.11
		190.073								72#	14#			99	GM6C	-17 KIPS	-10 KIPS	0.13
		190.060								72#	14#			100	GM10B	-10 KIPS	0 KIPS	0.12
0:25:59	HELPERS	190.830	0	18	RUN	1	105	12#	REL	71#	17#	119:81	13:99	1	SD40	0 KIPS	0 KIPS	0.00
		190.818								72#	15#			2	SD40	0 KIPS	0 KIPS	0.00
		190.806								76#	7#			3	GONDOLA	0 KIPS	0 KIPS	0.00
		190.862								77#	5#			22	GONDOLA	13 KIPS	13 KIPS	0.00
		190.518								77#	5#			41	GONDOLA	26 KIPS	27 KIPS	0.00
		190.374								77#	5#			60	GONDOLA	39 KIPS	40 KIPS	0.00
		190.230								77#	6#			79	GONDOLA	25 KIPS	23 KIPS	0.00
		190.086								75#	9#			98	GONDOLA	-11 KIPS	-12 KIPS	0.10
		190.079								71#	17#			99	GM6C	-12 KIPS	-8 KIPS	0.13
		190.065								71#	17#			100	GM10B	-8 KIPS	0 KIPS	0.12

QCM D-96-E/O/

STATION TIME	MP	SPEED LMT	THTLT RUN	AMP'S SETTING	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:26: 0	190.835	0	18	RUN 1	106	12#	REL 70# 19#	1	SD40	0 KIPS	-17 KIPS	0.00
	190.823						71# 17#	2	SD40	-17 KIPS	-28 KIPS	0.00
	190.811						75# 9#	3	GONDOLA	-28 KIPS	0 KIPS	0.00
	190.867						76# 7#	22	GONDOLA	11 KIPS	12 KIPS	0.00
	190.523						76# 8#	41	GONDOLA	26 KIPS	27 KIPS	0.00
	190.379						76# 7#	60	GONDOLA	43 KIPS	44 KIPS	0.00
	190.235						76# 7#	79	GONDOLA	35 KIPS	33 KIPS	0.00
	190.091						74# 10#	98	GONDOLA	-10 KIPS	-11 KIPS	0.10
	190.084						70# 19#	99	GMBC	-8 KIPS	-8 KIPS	0.13
	190.070						70# 19#	100	GM108	-8 KIPS	0 KIPS	0.12
HELPERS	190.840						70# 21#	1	SD40	0 KIPS	-14 KIPS	0.00
	190.828						70# 20#	2	SD40	-14 KIPS	-28 KIPS	0.01
	190.816						74# 10#	3	GONDOLA	-28 KIPS	-37 KIPS	0.00
	190.672						75# 8#	22	GONDOLA	11 KIPS	12 KIPS	0.00
	190.528						76# 8#	41	GONDOLA	27 KIPS	27 KIPS	0.00
	190.384						75# 8#	60	GONDOLA	43 KIPS	43 KIPS	0.00
	190.240						75# 9#	79	GONDOLA	34 KIPS	32 KIPS	0.00
	190.096						73# 12#	98	GONDOLA	-8 KIPS	-10 KIPS	0.10
	190.088						70# 21#	99	GMBC	-10 KIPS	-7 KIPS	0.12
	190.075						70# 21#	100	GM108	-7 KIPS	0 KIPS	0.12
0:26: 2	190.845	0	18	RUN 1	107	12#	REL 69# 24#	1	SD40	0 KIPS	-11 KIPS	0.01
	190.833						69# 22#	2	SD40	-11 KIPS	-21 KIPS	0.01
	190.821						74# 12#	3	GONDOLA	-21 KIPS	-28 KIPS	0.01
	190.677						74# 10#	22	GONDOLA	11 KIPS	12 KIPS	0.00
	190.533						75# 9#	41	GONDOLA	26 KIPS	27 KIPS	0.00
	190.389						75# 10#	60	GONDOLA	42 KIPS	43 KIPS	0.00
	190.245						74# 10#	79	GONDOLA	34 KIPS	34 KIPS	0.00
	190.101						73# 13#	98	GONDOLA	89 KIPS	-5 KIPS	0.08
	190.093						69# 24#	99	GMBC	-5 KIPS	-3 KIPS	0.12
	190.080						69# 24#	100	GM108	-3 KIPS	0 KIPS	0.12
0:26: 3	190.850	0	18	RUN 1	107	12#	REL 69# 24#	1	SD40	0 KIPS	-8 KIPS	0.01
	190.838						69# 25#	2	SD40	-8 KIPS	-16 KIPS	0.02
	190.826						73# 13#	3	GONDOLA	-16 KIPS	-21 KIPS	0.02
	190.682						74# 11#	22	GONDOLA	10 KIPS	11 KIPS	0.00
	190.538						74# 11#	41	GONDOLA	26 KIPS	26 KIPS	0.00
	190.394						74# 11#	60	GONDOLA	42 KIPS	43 KIPS	0.00
	190.250						74# 11#	79	GONDOLA	39 KIPS	37 KIPS	0.00
	190.106						72# 15#	98	GONDOLA	30 KIPS	35 KIPS	0.09
	190.098						68# 26#	99	GMBC	35 KIPS	38 KIPS	0.12
	190.085						68# 26#	100	GM108	35 KIPS	0 KIPS	0.12

STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S	SETTING TRN IND PIPE CVL	PRESSURE REL	BRAKES MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
0:26: 4	190.855	0	17	RUN 1	108 12# REL	68# 28#	1	SD40	0 KIPS	-7 KIPS	0.02
	190.843					68# 27#	2	SD40	-13 KIPS	-13 KIPS	0.03
	190.830					72# 14#	3	GONDOLA	-18 KIPS	-18 KIPS	0.02
	190.818					73# 13#	22	GONDOLA	10 KIPS	11 KIPS	0.00
	190.806					73# 12#	41	GONDOLA	28 KIPS	27 KIPS	0.00
	190.543					73# 12#	60	GONDOLA	44 KIPS	45 KIPS	0.00
	190.399					73# 13#	79	GONDOLA	42 KIPS	41 KIPS	0.00
	190.255					73# 13#	98	GONDOLA	94 KIPS	104 KIPS	0.09
	190.111					71# 16#	99	GMBC	104 KIPS	0 KIPS	0.12
	190.103					68# 28#	100	GM10B	0 KIPS	0 KIPS	0.12
HELPERS	190.090					68# 28#	1	SD40	0 KIPS	-8 KIPS	0.02
	190.080					68# 28#	2	SD40	-6 KIPS	-12 KIPS	0.03
	190.847	0	17	RUN 1	108 12# REL	68# 28#	3	GONDOLA	-12 KIPS	-11 KIPS	0.02
	190.835					72# 16#	22	GONDOLA	8 KIPS	9 KIPS	0.00
	190.821					72# 13#	41	GONDOLA	25 KIPS	28 KIPS	0.00
	190.547					72# 14#	60	GONDOLA	42 KIPS	43 KIPS	0.00
	190.403					72# 14#	79	GONDOLA	42 KIPS	40 KIPS	0.00
	190.259					71# 18#	98	GONDOLA	70 KIPS	79 KIPS	0.09
	190.115					68# 28#	99	GMBC	93 KIPS	93 KIPS	0.13
	190.108					68# 28#	100	GM10B	0 KIPS	-8 KIPS	0.02
HELPERS	190.095					68# 28#	1	SD40	-6 KIPS	-12 KIPS	0.03
	190.864	0	17	RUN 1	108 12# REL	68# 28#	2	SD40	-12 KIPS	-11 KIPS	0.02
	190.852					71# 17#	3	GONDOLA	7 KIPS	8 KIPS	0.00
	190.840					72# 15#	22	GONDOLA	24 KIPS	24 KIPS	0.00
	190.698					72# 15#	41	GONDOLA	41 KIPS	42 KIPS	0.00
	190.552					72# 15#	60	GONDOLA	42 KIPS	40 KIPS	0.00
	190.408					72# 15#	79	GONDOLA	5 KIPS	2 KIPS	0.09
	190.264					71# 19#	98	GONDOLA	2 KIPS	0 KIPS	0.13
	190.120					68# 28#	99	GMBC	0 KIPS	0 KIPS	0.12
	190.113					68# 28#	100	GM10B	0 KIPS	-8 KIPS	0.02
HELPERS	190.100					68# 28#	1	SD40	-6 KIPS	-13 KIPS	0.03
	190.889	0	17	RUN 1	108 12# REL	68# 28#	2	SD40	-13 KIPS	-12 KIPS	0.03
	190.857					71# 18#	3	GONDOLA	5 KIPS	8 KIPS	0.00
	190.845					71# 16#	22	GONDOLA	21 KIPS	22 KIPS	0.00
	190.701					71# 16#	41	GONDOLA	38 KIPS	39 KIPS	0.00
	190.557					71# 16#	60	GONDOLA	41 KIPS	40 KIPS	0.00
	190.413					71# 17#	79	GONDOLA	4 KIPS	2 KIPS	0.09
	190.269					70# 20#	98	GMBC	2 KIPS	-18 KIPS	0.12
	190.125					68# 28#	99	GMBC	-18 KIPS	0 KIPS	0.12
	190.117					68# 28#	100	GM10B	-18 KIPS	0 KIPS	0.12
HELPERS	190.104					68# 28#					

QCM D-98-E/O/

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
											DRUMBAR FORCES FORE	AFT			
0:26: 8	190.874	0	18	RUN	1	109	12#	REL	68# 28#	48:75	13:99	SD40	0 KIPS	-8 KIPS	0.02
	190.861								68# 28#			SD40	-6 KIPS	-13 KIPS	0.03
	190.849								70# 20#			GONDOLA	-13 KIPS	-12 KIPS	0.03
	190.705								71# 18#			GONDOLA	3 KIPS	4 KIPS	0.00
	190.561								71# 17#			GONDOLA	19 KIPS	20 KIPS	0.00
HELPERS	190.417								71# 17#			GONDOLA	36 KIPS	37 KIPS	0.00
	190.273								71# 18#			GONDOLA	40 KIPS	38 KIPS	0.00
	190.129								70# 22#			GONDOLA	3 KIPS	0 KIPS	0.09
	190.122								68# 28#			GM6C	0 KIPS	-1 KIPS	0.13
	190.109								68# 28#			GM10B	-1 KIPS	0 KIPS	0.13
0:26: 9	190.878	0	18	RUN	1	110	12#	REL	68# 28#	47:75	13:99	SD40	0 KIPS	-6 KIPS	0.02
	190.866								68# 28#			SD40	-12 KIPS	-12 KIPS	0.03
	190.854								70# 21#			GONDOLA	2 KIPS	3 KIPS	0.00
	190.710								71# 19#			GONDOLA	18 KIPS	19 KIPS	0.00
	190.566								71# 18#			GONDOLA	34 KIPS	35 KIPS	0.00
HELPERS	190.422								71# 19#			GONDOLA	40 KIPS	38 KIPS	0.00
	190.278								70# 19#			GONDOLA	3 KIPS	-10 KIPS	0.10
	190.134								69# 23#			GM6C	-10 KIPS	-5 KIPS	0.13
	190.126								68# 28#			GM10B	-5 KIPS	0 KIPS	0.13
	190.113								68# 28#			SD40	0 KIPS	-8 KIPS	0.02
0:26: 10	190.883	0	18	RUN	1	111	12#	REL	68# 28#	44:76	13:99	SD40	-12 KIPS	-12 KIPS	0.03
	190.870								69# 22#			SD40	-12 KIPS	-12 KIPS	0.02
	190.858								70# 20#			GONDOLA	0 KIPS	1 KIPS	0.00
	190.714								70# 20#			GONDOLA	18 KIPS	18 KIPS	0.00
	190.570								70# 20#			GONDOLA	31 KIPS	32 KIPS	0.00
HELPERS	190.426								70# 20#			GONDOLA	38 KIPS	38 KIPS	0.00
	190.282								70# 20#			GONDOLA	0 KIPS	-2 KIPS	0.10
	190.138								69# 24#			GM6C	-2 KIPS	-2 KIPS	0.13
	190.131								68# 28#			GM10B	-2 KIPS	0 KIPS	0.13
	190.118								68# 28#			SD40	0 KIPS	-8 KIPS	0.02
0:26: 11	190.887	0	18	RUN	1	111	12#	REL	68# 28#	42:77	13:99	SD40	-12 KIPS	-12 KIPS	0.03
	190.875								68# 28#			SD40	-12 KIPS	-12 KIPS	0.02
	190.862								69# 23#			GONDOLA	-25 KIPS	-25 KIPS	0.00
	190.719								70# 21#			GONDOLA	14 KIPS	15 KIPS	0.00
	190.575								70# 21#			GONDOLA	30 KIPS	30 KIPS	0.00
HELPERS	190.431								70# 21#			GONDOLA	38 KIPS	38 KIPS	0.00
	190.287								70# 21#			GONDOLA	0 KIPS	-2 KIPS	0.00
	190.143								68# 25#			GM6C	-2 KIPS	-2 KIPS	0.13
	190.135								68# 28#			GM10B	-2 KIPS	0 KIPS	0.13
	190.122								68# 28#			GM10B	-2 KIPS	0 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:26:12	190.891	0	15	RUN	1	112 12# REL	68# 28#	42:77	13:99	SD40	-8 KIPS	0.02
	190.879						68# 28#			SD40	-12 KIPS	0.03
	190.867						68# 24#			GONDOLA	-12 KIPS	0.02
	190.723						68# 22#			GONDOLA	-21 KIPS	0.00
	190.579						68# 22#			GONDOLA	14 KIPS	0.00
	190.435						68# 22#			GONDOLA	30 KIPS	0.00
	190.291						68# 23#			GONDOLA	37 KIPS	0.00
	190.147						68# 27#			GONDOLA	-2 KIPS	0.00
	190.140						68# 28#			GMBC	-2 KIPS	0.13
	190.127						68# 28#			GM10B	0 KIPS	0.13
0:26:13	190.896	0	15	RUN	1	113 12# REL	68# 28#	42:78	13:99	SD40	-8 KIPS	0.02
	190.883						68# 28#			SD40	-12 KIPS	0.03
	190.871						68# 25#			GONDOLA	-11 KIPS	0.02
	190.727						68# 23#			GONDOLA	-18 KIPS	0.00
	190.583						68# 23#			GONDOLA	14 KIPS	0.00
	190.439						68# 23#			GONDOLA	29 KIPS	0.00
	190.295						68# 24#			GONDOLA	38 KIPS	0.00
	190.151						68# 28#			GONDOLA	0 KIPS	0.00
	190.144						68# 28#			GMBC	-2 KIPS	0.13
	190.131						68# 28#			GM10B	0 KIPS	0.13
0:26:14	190.900	0	15	RUN	1	113 12# REL	68# 28#	42:78	13:100	SD40	-8 KIPS	0.02
	190.888						68# 28#			SD40	-12 KIPS	0.03
	190.876						68# 27#			GONDOLA	-11 KIPS	0.02
	190.731						68# 25#			GONDOLA	-11 KIPS	0.00
	190.587						68# 24#			GONDOLA	12 KIPS	0.00
	190.443						68# 24#			GONDOLA	28 KIPS	0.00
	190.299						68# 25#			GONDOLA	38 KIPS	0.00
	190.156						68# 28#			GONDOLA	2 KIPS	0.00
	190.148						68# 28#			GMBC	-3 KIPS	0.00
	190.135						68# 28#			GM10B	0 KIPS	0.13
0:26:15	190.904	0	15	RUN	1	114 12# REL	68# 28#	39:78	13:100	SD40	-8 KIPS	0.01
	190.892						68# 28#			SD40	-11 KIPS	0.03
	190.879						68# 28#			GONDOLA	-11 KIPS	0.02
	190.735						68# 26#			GONDOLA	-2 KIPS	0.00
	190.591						68# 25#			GONDOLA	11 KIPS	0.00
	190.447						68# 25#			GONDOLA	26 KIPS	0.00
	190.304						68# 26#			GONDOLA	37 KIPS	0.00
	190.160						68# 28#			GONDOLA	0 KIPS	0.00
	190.152						68# 28#			GMBC	-2 KIPS	0.00
	190.139						68# 28#			GM10B	0 KIPS	0.13

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STATION TIME	MP	SPEED LMT RUN	THLTL TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:26:16	190.908	0	14	RUN	1	115	12# REL	68# 28#	SD40	0 KIPS	-6 KIPS	0.01
	190.896							68# 28#	SD40	-8 KIPS	-11 KIPS	0.02
	190.883							68# 28#	GONDOLA	-11 KIPS	-11 KIPS	0.02
	190.739							68# 27#	GONDOLA	-5 KIPS	-6 KIPS	0.00
	190.595							68# 26#	GONDOLA	10 KIPS	11 KIPS	0.00
	190.451							68# 26#	GONDOLA	25 KIPS	25 KIPS	0.00
	190.308							68# 27#	GONDOLA	38 KIPS	37 KIPS	0.00
	190.164							68# 28#	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.156							68# 28#	GMBC	-2 KIPS	-2 KIPS	0.00
	190.143							68# 28#	GM10B	-2 KIPS	0 KIPS	0.13
HELPERS	190.912							68# 28#	SD40	0 KIPS	-5 KIPS	0.01
	190.900							68# 28#	SD40	-11 KIPS	-10 KIPS	0.02
	190.887							68# 28#	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.743							68# 27#	GONDOLA	9 KIPS	10 KIPS	0.00
	190.598							68# 27#	GONDOLA	23 KIPS	24 KIPS	0.00
	190.455							68# 28#	GONDOLA	37 KIPS	37 KIPS	0.00
	190.311							68# 28#	GONDOLA	-11 KIPS	-8 KIPS	0.00
	190.168							68# 28#	GMBC	-4 KIPS	-4 KIPS	0.01
	190.160							68# 28#	GM10B	-4 KIPS	0 KIPS	0.00
	190.147							68# 28#	SD40	0 KIPS	-5 KIPS	0.01
0:26:18	190.916							68# 28#	SD40	-5 KIPS	-11 KIPS	0.02
	190.903							68# 28#	SD40	-11 KIPS	-10 KIPS	0.02
	190.891							68# 28#	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.747							68# 28#	GONDOLA	9 KIPS	9 KIPS	0.00
	190.603							68# 28#	GONDOLA	21 KIPS	22 KIPS	0.00
	190.459							68# 28#	GONDOLA	33 KIPS	34 KIPS	0.00
	190.315							68# 28#	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.171							68# 28#	GMBC	-4 KIPS	-3 KIPS	0.01
	190.164							68# 28#	GM10B	-3 KIPS	0 KIPS	0.00
	190.151							68# 28#	SD40	0 KIPS	-5 KIPS	0.01
0:26:19	190.919							68# 28#	SD40	-11 KIPS	-10 KIPS	0.02
	190.907							68# 28#	SD40	-11 KIPS	-10 KIPS	0.02
	190.885							68# 28#	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.751							68# 28#	GONDOLA	8 KIPS	9 KIPS	0.00
	190.607							68# 28#	GONDOLA	20 KIPS	21 KIPS	0.00
	190.463							68# 28#	GONDOLA	32 KIPS	33 KIPS	0.00
	190.318							68# 28#	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.175							68# 28#	GMBC	-4 KIPS	-3 KIPS	0.01
	190.168							68# 28#	GM10B	-3 KIPS	0 KIPS	0.00
	190.155							68# 28#	GM10B	-3 KIPS	0 KIPS	0.00
HELPERS	190.912							68# 28#	SD40	0 KIPS	-5 KIPS	0.01
	190.900							68# 28#	SD40	-11 KIPS	-10 KIPS	0.02
	190.887							68# 28#	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.743							68# 27#	GONDOLA	9 KIPS	10 KIPS	0.00
	190.598							68# 27#	GONDOLA	23 KIPS	24 KIPS	0.00
	190.455							68# 28#	GONDOLA	37 KIPS	37 KIPS	0.00
	190.311							68# 28#	GONDOLA	-11 KIPS	-8 KIPS	0.00
	190.168							68# 28#	GMBC	-4 KIPS	-4 KIPS	0.01
	190.160							68# 28#	GM10B	-4 KIPS	0 KIPS	0.00
	190.147							68# 28#	SD40	0 KIPS	-5 KIPS	0.01
0:26:18	190.916							68# 28#	SD40	-5 KIPS	-11 KIPS	0.02
	190.903							68# 28#	SD40	-11 KIPS	-10 KIPS	0.02
	190.891							68# 28#	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.747							68# 28#	GONDOLA	9 KIPS	9 KIPS	0.00
	190.603							68# 28#	GONDOLA	21 KIPS	22 KIPS	0.00
	190.459							68# 28#	GONDOLA	33 KIPS	34 KIPS	0.00
	190.315							68# 28#	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.171							68# 28#	GMBC	-4 KIPS	-3 KIPS	0.01
	190.164							68# 28#	GM10B	-3 KIPS	0 KIPS	0.00
	190.151							68# 28#	SD40	0 KIPS	-5 KIPS	0.01
0:26:19	190.919							68# 28#	SD40	-11 KIPS	-10 KIPS	0.02
	190.907							68# 28#	SD40	-11 KIPS	-10 KIPS	0.02
	190.885							68# 28#	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.751							68# 28#	GONDOLA	8 KIPS	9 KIPS	0.00
	190.607							68# 28#	GONDOLA	20 KIPS	21 KIPS	0.00
	190.463							68# 28#	GONDOLA	32 KIPS	33 KIPS	0.00
	190.318							68# 28#	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.175							68# 28#	GMBC	-4 KIPS	-3 KIPS	0.01
	190.168							68# 28#	GM10B	-3 KIPS	0 KIPS	0.00
	190.155							68# 28#	GM10B	-3 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS	SETTING TRN IND PIPE	BRAKES PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0:26:20	190.923	0	13	RUN 1	119	12# REL	33:81 .02:2	1	SD40	0 KIPS	0.01
	190.911					68# 28#		2	SD40	-5 KIPS	0.02
	190.898					68# 28#		3	GONDOLA	-10 KIPS	0.02
	190.755					68# 28#		22	GONDOLA	-3 KIPS	0.00
	190.611					68# 28#		41	GONDOLA	9 KIPS	0.00
	190.487					68# 28#		60	GONDOLA	20 KIPS	0.00
	190.323					68# 28#		79	GONDOLA	31 KIPS	0.00
	190.179					68# 28#		98	GONDOLA	-2 KIPS	0.00
HELPERS	190.171					68# 28#		99	GMBC	-4 KIPS	0.00
	190.158					68# 28#		100	GM10B	0 KIPS	0.01
0:26:21	190.927	0	13	RUN 1	230	12# REL	32:82 .02:2	1	SD40	0 KIPS	0.00
	190.914					68# 28#		2	SD40	-5 KIPS	0.01
	190.802					68# 28#		3	GONDOLA	-10 KIPS	0.02
	190.758					68# 28#		22	GONDOLA	-2 KIPS	0.00
	190.614					68# 28#		41	GONDOLA	8 KIPS	0.00
	190.470					68# 28#		60	GONDOLA	19 KIPS	0.00
	190.326					68# 28#		79	GONDOLA	30 KIPS	0.00
	190.182					68# 28#		98	GONDOLA	-4 KIPS	0.00
HELPERS	190.175					68# 28#		99	GMBC	-3 KIPS	0.01
	190.162					68# 28#		100	GM10B	0 KIPS	0.00
0:26:22	190.930	0	12	RUN 1	121	12# REL	31:82 .02:2	1	SD40	0 KIPS	0.00
	190.918					68# 28#		2	SD40	-5 KIPS	0.01
	190.808					68# 28#		3	GONDOLA	-10 KIPS	0.02
	190.782					68# 28#		22	GONDOLA	-2 KIPS	0.00
	190.618					68# 28#		41	GONDOLA	8 KIPS	0.00
	190.474					68# 28#		60	GONDOLA	19 KIPS	0.00
	190.330					68# 28#		79	GONDOLA	30 KIPS	0.00
	190.186					68# 28#		98	GONDOLA	-2 KIPS	0.00
HELPERS	190.178					68# 28#		99	GMBC	-4 KIPS	0.01
	190.165					68# 28#		100	GM10B	0 KIPS	0.00
0:26:23	190.934	0	12	RUN 1	123	12# REL	30:82 .02:2	1	SD40	0 KIPS	0.00
	190.921					68# 28#		2	SD40	-5 KIPS	0.01
	190.809					68# 28#		3	GONDOLA	-10 KIPS	0.02
	190.785					68# 28#		22	GONDOLA	-2 KIPS	0.00
	190.621					68# 28#		41	GONDOLA	7 KIPS	0.00
	190.477					68# 28#		60	GONDOLA	18 KIPS	0.00
	190.333					68# 28#		79	GONDOLA	29 KIPS	0.00
	190.189					68# 28#		98	GONDOLA	-2 KIPS	0.00
HELPERS	190.182					68# 28#		99	GMBC	-4 KIPS	0.01
	190.169					68# 28#		100	GM10B	0 KIPS	0.00

QCM D-96-E/O/

TIME	STATION	MP	SPEED LMT RUN	THITLE	AMPS	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO			
						TRN	IND				PIPE	CYL		DRAWBAR FORCES FORE	DRAWBAR FORCES AFT	
0:28:24	190.937	0	12	RUN	1	124	12#	REL	68# 28#	30:83	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.925								68# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.912								68# 28#			3	GONDOLA	-10 KIPS	-10 KIPS	0.02
	190.768								68# 28#			22	GONDOLA	-2 KIPS	8 KIPS	0.00
	190.624								68# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
0:28:25	190.481								68# 28#			60	GONDOLA	17 KIPS	18 KIPS	0.00
	190.337								68# 28#			79	GONDOLA	28 KIPS	28 KIPS	0.00
	190.193								68# 28#			98	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.185								68# 28#			99	GMBC	-4 KIPS	-3 KIPS	0.01
	190.172								68# 28#			100	GM10B	0 KIPS	0 KIPS	0.00
0:28:26	190.940	0	12	RUN	1	125	12#	REL	68# 28#	29:84	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.928								68# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.916								68# 28#			3	GONDOLA	-10 KIPS	-9 KIPS	0.02
	190.772								68# 28#			22	GONDOLA	-2 KIPS	8 KIPS	0.00
	190.628								68# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
0:28:27	190.484								68# 28#			60	GONDOLA	17 KIPS	17 KIPS	0.00
	190.340								68# 28#			79	GONDOLA	27 KIPS	27 KIPS	0.00
	190.196								68# 28#			98	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.188								68# 28#			99	GMBC	-4 KIPS	-3 KIPS	0.01
	190.175								68# 28#			100	GM10B	0 KIPS	0 KIPS	0.00
0:28:28	190.943	0	11	RUN	1	127	12#	REL	68# 28#	30:84	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.931								68# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.919								68# 28#			3	GONDOLA	-10 KIPS	-9 KIPS	0.02
	190.775								68# 28#			22	GONDOLA	-2 KIPS	8 KIPS	0.00
	190.631								68# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
0:28:29	190.487								68# 28#			60	GONDOLA	17 KIPS	18 KIPS	0.00
	190.343								68# 28#			79	GONDOLA	27 KIPS	28 KIPS	0.00
	190.198								68# 28#			98	GONDOLA	0 KIPS	-4 KIPS	0.00
	190.191								68# 28#			99	GMBC	-4 KIPS	-3 KIPS	0.00
	190.178								68# 28#			100	GM10B	-3 KIPS	0 KIPS	0.00
0:28:30	190.946	0	11	RUN	1	128	12#	REL	68# 28#	29:84	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.934								68# 28#			2	SD40	-5 KIPS	-9 KIPS	0.02
	190.922								68# 28#			3	GONDOLA	-9 KIPS	-2 KIPS	0.00
	190.778								68# 28#			22	GONDOLA	-2 KIPS	8 KIPS	0.00
	190.634								68# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
0:28:31	190.490								68# 28#			60	GONDOLA	17 KIPS	17 KIPS	0.00
	190.346								68# 28#			79	GONDOLA	27 KIPS	27 KIPS	0.00
	190.202								68# 28#			98	GONDOLA	0 KIPS	-3 KIPS	0.00
	190.195								68# 28#			99	GMBC	-2 KIPS	-2 KIPS	0.00
	190.182								68# 28#			100	GM10B	-2 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	AFT	
0:26:28	190.949	0	11	RUN	1	130	12# REL	29:85 .02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.937						68# 28#		2	SD40	-5 KIPS	-9 KIPS	0.02
	190.925						68# 28#		3	GONDOLA	-9 KIPS	-1 KIPS	0.02
	190.781						68# 28#		22	GONDOLA	-2 KIPS	7 KIPS	0.00
	190.637						68# 28#		41	GONDOLA	17 KIPS	17 KIPS	0.00
	190.493						68# 28#		60	GONDOLA	26 KIPS	27 KIPS	0.00
	190.348						68# 28#		79	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.205						68# 28#		98	GONDOLA	-2 KIPS	-2 KIPS	0.00
HELPERS	190.188						68# 28#		99	GM8C	0 KIPS	0 KIPS	0.00
	190.185						68# 28#		100	GM10B	-2 KIPS	-4 KIPS	0.01
0:26:29	190.952	0	10	RUN	1	132	12# REL	29:85 .02:2	1	SD40	0 KIPS	-9 KIPS	0.02
	190.940						68# 28#		2	SD40	-9 KIPS	-9 KIPS	0.02
	190.828						68# 28#		3	GONDOLA	-2 KIPS	-1 KIPS	0.00
	190.784						68# 28#		22	GONDOLA	8 KIPS	8 KIPS	0.00
	190.640						68# 28#		41	GONDOLA	17 KIPS	17 KIPS	0.00
	190.496						68# 28#		60	GONDOLA	26 KIPS	26 KIPS	0.00
	190.352						68# 28#		79	GONDOLA	4 KIPS	-2 KIPS	0.00
	190.208						68# 28#		98	GONDOLA	-2 KIPS	-2 KIPS	0.00
HELPERS	190.200						68# 28#		99	GM8C	-2 KIPS	0 KIPS	0.00
	190.187						68# 28#		100	GM10B	0 KIPS	-4 KIPS	0.01
0:26:30	190.955	0	10	RUN	1	134	12# REL	27:86 .02:2	1	SD40	-4 KIPS	-8 KIPS	0.02
	190.843						68# 28#		2	SD40	-9 KIPS	-8 KIPS	0.02
	190.787						68# 28#		3	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.643						68# 28#		22	GONDOLA	7 KIPS	7 KIPS	0.00
	190.498						68# 28#		41	GONDOLA	15 KIPS	16 KIPS	0.00
	190.355						68# 28#		60	GONDOLA	24 KIPS	24 KIPS	0.00
	190.211						68# 28#		79	GONDOLA	0 KIPS	-4 KIPS	0.00
HELPERS	190.203						68# 28#		98	GONDOLA	-4 KIPS	-2 KIPS	0.00
	190.180						68# 28#		99	GM8C	-2 KIPS	0 KIPS	0.00
0:26:31	190.958	0	10	RUN	1	136	12# REL	27:86 .02:2	1	SD40	0 KIPS	-4 KIPS	0.01
	190.846						68# 28#		2	SD40	-4 KIPS	-8 KIPS	0.02
	190.789						68# 28#		3	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.645						68# 28#		22	GONDOLA	7 KIPS	8 KIPS	0.00
	190.501						68# 28#		41	GONDOLA	16 KIPS	16 KIPS	0.00
	190.358						68# 28#		60	GONDOLA	24 KIPS	24 KIPS	0.00
	190.214						68# 28#		79	GONDOLA	0 KIPS	-2 KIPS	0.00
HELPERS	190.208						68# 28#		98	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.193						68# 28#		99	GM8C	-2 KIPS	0 KIPS	0.00
							68# 28#		100	GM10B	0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S	SETTING PRESSURE	BRAKES TWIN IND PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRUMBAR FORCES FORE	AFT	
0:26:32	190.961	0	9	138	12# REL	68# 28#	1	SD40	0 KIPS	-4 KIPS	0.01
	190.948					68# 28#	2	SD40	-4 KIPS	-8 KIPS	0.02
	190.936					68# 28#	3	GONDOLA	-8 KIPS	-8 KIPS	0.02
	190.792					68# 28#	22	GONDOLA	-1 KIPS	0 KIPS	0.00
	190.648					68# 28#	41	GONDOLA	7 KIPS	8 KIPS	0.00
	190.504					68# 28#	60	GONDOLA	15 KIPS	16 KIPS	0.00
	190.360					68# 28#	79	GONDOLA	23 KIPS	24 KIPS	0.00
	190.216					68# 28#	98	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.209					68# 28#	99	GM5C	-2 KIPS	0 KIPS	0.00
	190.186					68# 28#	100	GM10B	-2 KIPS	0 KIPS	0.00
HELPERS	190.209					68# 28#	1	SD40	0 KIPS	-4 KIPS	0.01
	190.963					68# 28#	2	SD40	-4 KIPS	-8 KIPS	0.02
0:26:33	190.951	0	9	140	12# REL	68# 28#	1	SD40	-4 KIPS	-7 KIPS	0.02
	190.938					68# 28#	2	SD40	-8 KIPS	-7 KIPS	0.02
	190.785					68# 28#	3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.651					68# 28#	22	GONDOLA	7 KIPS	8 KIPS	0.00
	190.507					68# 28#	41	GONDOLA	15 KIPS	15 KIPS	0.00
	190.363					68# 28#	60	GONDOLA	23 KIPS	23 KIPS	0.00
	190.218					68# 28#	79	GONDOLA	-8 KIPS	-6 KIPS	0.00
	190.211					68# 28#	98	GONDOLA	-8 KIPS	-3 KIPS	0.01
	190.188					68# 28#	99	GM5C	0 KIPS	0 KIPS	0.01
HELPERS	190.211					68# 28#	100	GM10B	-4 KIPS	-4 KIPS	0.01
0:26:34	190.966	0	9	142	12# REL	68# 28#	1	SD40	-4 KIPS	-7 KIPS	0.02
	190.953					68# 28#	2	SD40	-7 KIPS	-7 KIPS	0.02
	190.841					68# 28#	3	GONDOLA	0 KIPS	14 KIPS	0.00
	190.797					68# 28#	22	GONDOLA	7 KIPS	7 KIPS	0.00
	190.653					68# 28#	41	GONDOLA	14 KIPS	14 KIPS	0.00
	190.508					68# 28#	60	GONDOLA	20 KIPS	21 KIPS	0.00
	190.365					68# 28#	79	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.221					68# 28#	98	GONDOLA	-4 KIPS	-3 KIPS	0.01
	190.214					68# 28#	99	GM5C	-3 KIPS	0 KIPS	0.00
HELPERS	190.214					68# 28#	100	GM10B	0 KIPS	-4 KIPS	0.01
0:26:35	190.968	0	8	145	12# REL	68# 28#	1	SD40	-4 KIPS	-7 KIPS	0.02
	190.956					68# 28#	2	SD40	-7 KIPS	-7 KIPS	0.01
	190.843					68# 28#	3	GONDOLA	14 KIPS	12 KIPS	0.00
	190.798					68# 28#	22	GONDOLA	7 KIPS	7 KIPS	0.00
	190.655					68# 28#	41	GONDOLA	13 KIPS	13 KIPS	0.00
	190.511					68# 28#	60	GONDOLA	20 KIPS	20 KIPS	0.00
	190.368					68# 28#	79	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.224					68# 28#	98	GONDOLA	-4 KIPS	-3 KIPS	0.01
HELPERS	190.216					68# 28#	99	GM5C	-3 KIPS	0 KIPS	0.00
	190.203					68# 28#	100	GM10B	-3 KIPS	0 KIPS	0.00

STATION TIME	SPEED LMT RUN	THTLT AMP	SETTING TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRAMBAR FORCES FORE	AFT	
0:26:36	190.970	0	8 RUN 1	148 12# REL	68# 28#	1	SD40	0 KIPS	-3 KIPS	0.01
	190.958				68# 28#	2	SD40	-3 KIPS	-7 KIPS	0.01
	190.948				68# 28#	3	GONDOLA	-7 KIPS	-8 KIPS	0.01
	190.802				68# 28#	22	GONDOLA	0 KIPS	1 KIPS	0.00
	190.658				68# 28#	41	GONDOLA	7 KIPS	7 KIPS	0.00
	190.514				68# 28#	60	GONDOLA	13 KIPS	13 KIPS	0.00
	190.370				68# 28#	79	GONDOLA	19 KIPS	20 KIPS	0.00
	190.228				68# 28#	98	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.218				68# 28#	99	GMBC	-4 KIPS	-3 KIPS	0.01
HELPERS	190.205		RUN 1	240 12# REL	68# 28#	100	GM10B	0 KIPS	0 KIPS	0.00
	190.972	0	8 RUN 1	152 12# REL	68# 28#	1	SD40	0 KIPS	-3 KIPS	0.00
	190.960				68# 28#	2	SD40	-3 KIPS	-6 KIPS	0.01
	190.948				68# 28#	3	GONDOLA	-6 KIPS	-8 KIPS	0.01
	190.804				68# 28#	22	GONDOLA	12 KIPS	11 KIPS	0.00
	190.660				68# 28#	41	GONDOLA	7 KIPS	8 KIPS	0.00
	190.518				68# 28#	60	GONDOLA	14 KIPS	14 KIPS	0.00
	190.372				68# 28#	79	GONDOLA	20 KIPS	21 KIPS	0.00
	190.228				68# 28#	98	GONDOLA	0 KIPS	-3 KIPS	0.00
	190.221				68# 28#	99	GMBC	-3 KIPS	0 KIPS	0.00
HELPERS	190.207		RUN 1	241 12# REL	68# 28#	100	GM10B	-3 KIPS	0 KIPS	0.00
	190.978	0	7 RUN 1	158 12# REL	68# 28#	1	SD40	0 KIPS	-8 KIPS	0.01
	190.862				68# 28#	2	SD40	-8 KIPS	-5 KIPS	0.01
	190.950				68# 28#	3	GONDOLA	11 KIPS	9 KIPS	0.00
	190.806				68# 28#	22	GONDOLA	7 KIPS	7 KIPS	0.00
	190.662				68# 28#	41	GONDOLA	13 KIPS	14 KIPS	0.00
	190.518				68# 28#	60	GONDOLA	20 KIPS	20 KIPS	0.00
	190.374				68# 28#	79	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.230				68# 28#	98	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.233				68# 28#	99	GMBC	-2 KIPS	0 KIPS	0.00
HELPERS	190.210		RUN 1	241 12# REL	68# 28#	100	GM10B	-2 KIPS	0 KIPS	0.00
	190.977	0	7 RUN 1	160 12# REL	68# 28#	1	SD40	0 KIPS	-2 KIPS	0.00
	190.864				68# 28#	2	SD40	-2 KIPS	-5 KIPS	0.01
	190.952				68# 28#	3	GONDOLA	-5 KIPS	1 KIPS	0.01
	190.808				68# 28#	22	GONDOLA	7 KIPS	7 KIPS	0.00
	190.664				68# 28#	41	GONDOLA	13 KIPS	13 KIPS	0.00
	190.520				68# 28#	60	GONDOLA	19 KIPS	19 KIPS	0.00
	190.378				68# 28#	79	GONDOLA	0 KIPS	0 KIPS	0.00
	190.232				68# 28#	98	GONDOLA	-2 KIPS	-2 KIPS	0.00
HELPERS	190.225		RUN 1	242 12# REL	68# 28#	99	GMBC	-2 KIPS	0 KIPS	0.00
	190.212				68# 28#	100	GM10B	-2 KIPS	0 KIPS	0.00

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TIME	STATION MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	AFT	
0:26:40	190.978	0	7	RUN	1	166	12#	REL	1	SD40	0 KIPS	-2 KIPS	0.00
	190.966					68#	28#		2	SD40	-2 KIPS	-4 KIPS	0.01
	190.954					68#	28#		3	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.810					68#	28#		22	GONDOLA	10 KIPS	8 KIPS	0.00
	190.668					68#	28#		41	GONDOLA	8 KIPS	8 KIPS	0.00
	190.522					68#	28#		60	GONDOLA	14 KIPS	14 KIPS	0.00
	190.378					68#	28#		79	GONDOLA	20 KIPS	21 KIPS	0.00
	190.234					68#	28#		98	GONDOLA	0 KIPS	0 KIPS	0.00
	190.227					68#	28#		99	GM6C	-2 KIPS	-2 KIPS	0.00
	190.214					68#	28#		100	GM10B	0 KIPS	0 KIPS	0.00
0:26:41	190.980	0	6	RUN	1	171	12#	REL	1	SD40	0 KIPS	-2 KIPS	0.00
	190.968					68#	28#		2	SD40	-2 KIPS	-3 KIPS	0.00
	190.812					68#	28#		3	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.668					68#	28#		22	GONDOLA	8 KIPS	8 KIPS	0.00
	190.524					68#	28#		41	GONDOLA	14 KIPS	14 KIPS	0.00
	190.380					68#	28#		60	GONDOLA	20 KIPS	20 KIPS	0.00
	190.236					68#	28#		79	GONDOLA	2 KIPS	-5 KIPS	0.00
	190.215					68#	28#		98	GM6C	-3 KIPS	-3 KIPS	0.00
	190.982					68#	28#		99	GM10B	0 KIPS	0 KIPS	0.00
	190.970					68#	28#		100	SD40	-1 KIPS	-1 KIPS	0.00
0:26:42	190.967	0	6	RUN	1	177	12#	REL	1	SD40	0 KIPS	-3 KIPS	0.00
	190.813					68#	28#		2	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.669					68#	28#		3	GONDOLA	1 KIPS	7 KIPS	0.00
	190.526					68#	28#		22	GONDOLA	7 KIPS	7 KIPS	0.00
	190.382					68#	28#		41	GONDOLA	12 KIPS	13 KIPS	0.00
	190.238					68#	28#		60	GONDOLA	18 KIPS	18 KIPS	0.00
	190.230					68#	28#		79	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.217					68#	28#		98	GM6C	-2 KIPS	-2 KIPS	0.00
	190.984					68#	28#		99	GM10B	0 KIPS	0 KIPS	0.00
	190.971					68#	28#		100	SD40	-1 KIPS	-1 KIPS	0.00
0:26:43	190.959	0	6	RUN	1	184	12#	REL	1	SD40	0 KIPS	-2 KIPS	0.00
	190.815					68#	28#		2	SD40	-2 KIPS	-2 KIPS	0.00
	190.671					68#	28#		3	GONDOLA	9 KIPS	7 KIPS	0.00
	190.527					68#	28#		22	GONDOLA	7 KIPS	7 KIPS	0.00
	190.383					68#	28#		41	GONDOLA	12 KIPS	12 KIPS	0.00
	190.239					68#	28#		60	GONDOLA	17 KIPS	17 KIPS	0.00
	190.232					68#	28#		79	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.219					68#	28#		98	GM6C	-2 KIPS	-2 KIPS	0.00
	190.219					68#	28#		99	GM10B	0 KIPS	0 KIPS	0.00
	190.219					68#	28#		100	GM10B	-2 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THRTLE AMP	BRAKES SETTING TRN IND PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
								FORE	AFT	
0:28:44	190.985	0	5	RUN 1	181 12# REL	58# 28#	SD40	0 KIPS	0 KIPS	0.00
	190.973					58# 28#	SD40	0 KIPS	0 KIPS	0.00
	190.961					58# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.817					58# 28#	GONDOLA	8 KIPS	8 KIPS	0.00
	190.673					58# 28#	GONDOLA	7 KIPS	12 KIPS	0.00
HELPERS	190.528					58# 28#	GONDOLA	17 KIPS	17 KIPS	0.00
	190.385					58# 28#	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.241					58# 28#	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.233			RUN 1	244 12# REL	58# 28#	GM6C	-2 KIPS	0 KIPS	0.00
	190.220					58# 28#	GM10B	0 KIPS	0 KIPS	0.00
0:28:45	190.987	0	5	RUN 1	198 12# REL	58# 28#	SD40	0 KIPS	0 KIPS	0.00
	190.974					58# 28#	SD40	0 KIPS	0 KIPS	0.00
	190.962					58# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.818					58# 28#	GONDOLA	7 KIPS	4 KIPS	0.00
	190.674					58# 28#	GONDOLA	12 KIPS	12 KIPS	0.00
HELPERS	190.530					58# 28#	GONDOLA	17 KIPS	17 KIPS	0.00
	190.386					58# 28#	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.242					58# 28#	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.235			RUN 1	245 12# REL	58# 28#	GM6C	-2 KIPS	0 KIPS	0.00
	190.222					58# 28#	GM10B	0 KIPS	0 KIPS	0.00
-----> IDLE										
-----> CONTINUE UNTIL SPEED REACHES 0 M.P.H.										
0:28:46	190.988	0	5	IDLE	0 12# REL	58# 28#	SD40	0 KIPS	-14 KIPS	0.02
	190.976					58# 28#	SD40	-14 KIPS	-29 KIPS	0.04
	190.963					58# 28#	GONDOLA	5 KIPS	3 KIPS	0.03
	190.818					58# 28#	GONDOLA	7 KIPS	7 KIPS	0.00
	190.675					58# 28#	GONDOLA	12 KIPS	12 KIPS	0.00
HELPERS	190.532					58# 28#	GONDOLA	17 KIPS	17 KIPS	0.00
	190.388					58# 28#	GONDOLA	59 KIPS	59 KIPS	0.00
	190.244			IDLE	0 12# REL	58# 28#	GM6C	-1 KIPS	0 KIPS	0.00
	190.236					58# 28#	GM10B	0 KIPS	0 KIPS	0.00
	190.223					58# 28#	SD40	-9 KIPS	-9 KIPS	0.02
0:28:47	190.989	0	4	IDLE	0 12# REL	58# 28#	SD40	-17 KIPS	-17 KIPS	0.04
	190.977					58# 28#	GONDOLA	4 KIPS	4 KIPS	0.03
	190.965					58# 28#	GONDOLA	12 KIPS	13 KIPS	0.00
	190.821					58# 28#	GONDOLA	21 KIPS	21 KIPS	0.00
	190.677					58# 28#	GONDOLA	30 KIPS	30 KIPS	0.00
HELPERS	190.533					58# 28#	GONDOLA	111 KIPS	125 KIPS	0.00
	190.389					58# 28#	GONDOLA	125 KIPS	147 KIPS	0.00
	190.245			IDLE	0 12# REL	58# 28#	GM6C	0 KIPS	0 KIPS	0.00
	190.237					58# 28#	GM10B	147 KIPS	0 KIPS	0.00
	190.224					58# 28#				

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STATION TIME	MP	SPEED LMT	THITLE RUN	IDLE	AMPS	SETTING TRN	BRAKES IND	PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
												DRUMBAR FORCES FORE	AFT	
0:28:48	190.990	0	4	IDLE	0	12#	REL	88# 28#	48:91 .04:2	1	SD40	0 KIPS	-9 KIPS	0.02
	190.978							88# 28#		2	SD40	-9 KIPS	-18 KIPS	0.04
	190.966							88# 28#		3	GONDOLA	-18 KIPS	-17 KIPS	0.04
	190.822							88# 28#		22	GONDOLA	4 KIPS	5 KIPS	0.00
	190.678							88# 28#		41	GONDOLA	16 KIPS	17 KIPS	0.00
	190.534							88# 28#		60	GONDOLA	28 KIPS	28 KIPS	0.00
	190.390							88# 28#		79	GONDOLA	39 KIPS	40 KIPS	0.00
	190.248							88# 28#		98	GONDOLA	31 KIPS	29 KIPS	0.00
	190.238							88# 28#		99	GM6C	15 KIPS	15 KIPS	0.00
HELPERS	190.225			IDLE	0	12#	REL	88# 28#		100	GM108	0 KIPS	0 KIPS	0.00
	190.991	0	3	IDLE	0	12#	REL	88# 28#	48:91 .04:2	1	SD40	0 KIPS	-9 KIPS	0.02
0:26:48	190.991							88# 28#		2	SD40	-9 KIPS	-18 KIPS	0.04
	190.967							88# 28#		3	GONDOLA	-17 KIPS	-17 KIPS	0.04
	190.823							88# 28#		22	GONDOLA	3 KIPS	4 KIPS	0.00
	190.679							88# 28#		41	GONDOLA	15 KIPS	15 KIPS	0.00
	190.535							88# 28#		60	GONDOLA	27 KIPS	27 KIPS	0.00
	190.381							88# 28#		79	GONDOLA	38 KIPS	38 KIPS	0.00
	190.247							88# 28#		98	GONDOLA	31 KIPS	29 KIPS	0.00
	190.239			IDLE	0	12#	REL	88# 28#		99	GM6C	29 KIPS	15 KIPS	0.00
HELPERS	190.228							88# 28#		100	GM108	15 KIPS	0 KIPS	0.00
0:26:50	190.992	0	3	IDLE	0	12#	REL	88# 28#	48:91 .04:2	1	SD40	0 KIPS	-9 KIPS	0.02
	190.980							88# 28#		2	SD40	-9 KIPS	-18 KIPS	0.04
	190.968							88# 28#		3	GONDOLA	-18 KIPS	-18 KIPS	0.04
	190.824							88# 28#		22	GONDOLA	2 KIPS	3 KIPS	0.00
	190.680							88# 28#		41	GONDOLA	14 KIPS	15 KIPS	0.00
	190.536							88# 28#		60	GONDOLA	26 KIPS	27 KIPS	0.00
	190.392							88# 28#		79	GONDOLA	38 KIPS	38 KIPS	0.00
	190.248							88# 28#		98	GONDOLA	31 KIPS	29 KIPS	0.00
	190.240			IDLE	0	12#	REL	88# 28#		99	GM6C	29 KIPS	15 KIPS	0.00
HELPERS	190.227							88# 28#		100	GM108	15 KIPS	0 KIPS	0.00
0:26:51	190.993	0	2	IDLE	0	12#	REL	88# 28#	45:91 .04:2	1	SD40	0 KIPS	-10 KIPS	0.02
	190.981							88# 28#		2	SD40	-10 KIPS	-18 KIPS	0.04
	190.968							88# 28#		3	GONDOLA	-19 KIPS	-18 KIPS	0.04
	190.824							88# 28#		22	GONDOLA	-45 KIPS	1 KIPS	0.00
	190.680							88# 28#		41	GONDOLA	13 KIPS	14 KIPS	0.00
	190.536							88# 28#		60	GONDOLA	25 KIPS	26 KIPS	0.00
	190.393							88# 28#		79	GONDOLA	38 KIPS	38 KIPS	0.00
	190.248							88# 28#		98	GONDOLA	31 KIPS	29 KIPS	0.00
HELPERS	190.241			IDLE	0	12#	REL	88# 28#		99	GM6C	29 KIPS	14 KIPS	0.00
	190.228							88# 28#		100	GM108	14 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THTLT IDLE	AMPS REL	BRAKES TRN INO PIPE CYL	SETTING REL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	AFT	
0:28:52	190.994	0	2	IDLE	0	12#	REL	68# 28#	1	SD40	0 KIPS	-10 KIPS	0.02
	190.981							68# 28#	2	SD40	-10 KIPS	-19 KIPS	0.04
	190.969							68# 28#	3	GONDOLA	-41 KIPS	-45 KIPS	0.00
	190.825							68# 28#	22	GONDOLA	12 KIPS	25 KIPS	0.00
	190.681							68# 28#	41	GONDOLA	37 KIPS	38 KIPS	0.00
HELPERS	190.537							68# 28#	60	GONDOLA	29 KIPS	29 KIPS	0.00
	190.393							68# 28#	79	GONDOLA	15 KIPS	15 KIPS	0.00
	190.249							68# 28#	98	GMBC	0 KIPS	0 KIPS	0.00
	190.229			IDLE	0	12#	REL	68# 28#	99	GMBC	0 KIPS	0 KIPS	0.00
	190.994	0	2	IDLE	0	12#	REL	68# 28#	100	GM10B	0 KIPS	0 KIPS	0.00
0:28:53	190.982							68# 28#	1	SD40	-10 KIPS	-20 KIPS	0.04
	190.969							68# 28#	2	SD40	-19 KIPS	-35 KIPS	0.04
	190.825							68# 28#	22	GONDOLA	11 KIPS	24 KIPS	0.00
	190.682							68# 28#	41	GONDOLA	29 KIPS	29 KIPS	0.00
	190.538							68# 28#	60	GONDOLA	14 KIPS	14 KIPS	0.00
HELPERS	190.394							68# 28#	79	GMBC	0 KIPS	0 KIPS	0.00
	190.250			IDLE	0	12#	REL	68# 28#	98	GM10B	0 KIPS	0 KIPS	0.00
	190.242							68# 28#	99	SD40	-10 KIPS	-20 KIPS	0.04
	190.229	0	1	IDLE	0	12#	REL	68# 28#	100	SD40	-19 KIPS	-26 KIPS	0.00
	190.982							68# 28#	2	GONDOLA	10 KIPS	23 KIPS	0.00
0:28:54	190.870							68# 28#	3	GONDOLA	37 KIPS	37 KIPS	0.00
	190.828							68# 28#	22	GONDOLA	14 KIPS	14 KIPS	0.00
	190.682							68# 28#	41	GONDOLA	0 KIPS	0 KIPS	0.00
	190.538							68# 28#	60	GONDOLA	-10 KIPS	-20 KIPS	0.04
	190.394							68# 28#	79	GONDOLA	10 KIPS	23 KIPS	0.00
HELPERS	190.250							68# 28#	98	GONDOLA	31 KIPS	31 KIPS	0.00
	190.242			IDLE	0	12#	REL	68# 28#	99	GMBC	29 KIPS	29 KIPS	0.00
	190.229	0	0	IDLE	0	12#	REL	68# 28#	100	GM10B	14 KIPS	14 KIPS	0.00
	190.995							68# 28#	1	SD40	0 KIPS	0 KIPS	0.00
	190.982							68# 28#	2	SD40	-10 KIPS	-19 KIPS	0.04
0:28:55	190.870							68# 28#	3	GONDOLA	-19 KIPS	-18 KIPS	0.00
	190.828							68# 28#	22	GONDOLA	8 KIPS	22 KIPS	0.00
	190.682							68# 28#	41	GONDOLA	21 KIPS	35 KIPS	0.00
	190.538							68# 28#	60	GONDOLA	30 KIPS	28 KIPS	0.00
	190.394							68# 28#	79	GONDOLA	28 KIPS	14 KIPS	0.00
HELPERS	190.250							68# 28#	98	GMBC	14 KIPS	0 KIPS	0.00
	190.243			IDLE	0	12#	REL	68# 28#	99	GM10B	0 KIPS	0 KIPS	0.00
	190.230							68# 28#	100	SD40	-10 KIPS	-19 KIPS	0.04
								68# 28#	2	GONDOLA	-12 KIPS	8 KIPS	0.00
								68# 28#	41	GONDOLA	21 KIPS	35 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S SETTING	PRESSURE TRN IND PIPE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES		L/V RATIO			
								IDENTIFIER	DRAWBAR FORCES FORE AFT				
0:28:58	190.985	0	0	IDLE	0 12# REL	68# 28#	43:91	.04:2	1	SD40	0 KIPS	-10 KIPS	0.02
	190.982				68# 28#	68# 28#			2	SD40	-10 KIPS	-18 KIPS	0.04
	190.870				68# 28#	68# 28#			3	GONDOLA	-19 KIPS	-18 KIPS	0.04
	190.828				68# 28#	68# 28#			22	GONDOLA	-7 KIPS	-8 KIPS	0.00
	190.682				68# 28#	68# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
	190.538				68# 28#	68# 28#			60	GONDOLA	21 KIPS	21 KIPS	0.00
	190.394				68# 28#	68# 28#			79	GONDOLA	34 KIPS	38 KIPS	0.00
	190.250			IDLE	0 12# REL	68# 28#			98	GONDOLA	28 KIPS	28 KIPS	0.00
HELPERS	190.243				68# 28#	68# 28#			99	GM6C	14 KIPS	14 KIPS	0.00
	190.230				68# 28#	68# 28#			100	GM10B	0 KIPS	0 KIPS	0.00

-----> STOP COMPUTER RUN
MAXIMUM FORCES FOR THIS CASE

MAX. DRAFT COUPLER FORCE: 192 KIPS ON VEH. 19 AT 0: 0: 4
MAX. BUFF COUPLER FORCE: -214 KIPS ON VEH. 85 AT 0: 0: 7
MAXIMUM L/V : 0.52 ON VEH. 99 AT 0: 9:36

D

QCM D-96-E/5/

TRAIN SUMMARY

LEAD LOCOMOTIVES	2	HELPER LOCOMOTIVES	2	CARS	98	TRAILING TONNAGE	12086	TOTAL TONNAGE	12868	TOTAL LENGTH	4108'
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VEHICLE LISTING

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1- 2	LOCO (2)	SD40	65'	197T		M380	28"	12X40"	COMP/PL	J1.6
3- 98	CARS (98)	LG4	40'	128T		MK50	29"	8X36"	C.I.	AB
99	GM6C		69'	183T		M380	28"	12X42"	COMP/PL	J1.6
100	GM10B		69'	195T		M380	28"	12X50"	COMP/PL	J1.6

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT	COUP	GEAR	LGN	WHEELS	BRAKE	SHOES	BRAKE	VALVE
1- 2	LOCO	(2)	SD40	85'	197T	M380	28"	12X40"	COMP/PL	J1.6				

DYNAMIC BRAKES: TAPERED ; EXTENDED RANGE
 DYNAMIC BRAKE INTERLOCK (DBI): NO RECOVERY AFTER DYNAMIC BRAKE OFF
 INDEPENDENT PRESSURE SWITCH (IPS) ACTIVATED AT: 15 P.S.I.

TRANSITION SPEED: 24 MPH

SPEED (MPH):	5	15	30	45	60	75
ENGINE TRACTIVE FORCE:	70000#	83202#	31000#	20222#	15168#	12133#
ENGINE H.P. AT RAIL:	933	2528	2480	2428	2428	2428
DYNAMIC BRAKE FORCE:	34534#	53998#	48601#	32400#	24300#	19440#
DYNAMIC H.P. AT RAIL:	460	2159	3888	3888	3888	3888

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
99	GM6C		89'	183T		M380	28"	12X42"	COMP/PL	J1.6
DYNAMIC BRAKES: NONE										
SPEED (MPH):										
ENGINE TRACTIVE FORCE: 125888# 104378# 84000# 48223# 34667# 27733#										
ENGINE H.P. AT RAIL: 1678 4175 5120 5546 5546 5546										
DYNAMIC BRAKE FORCE: 0# 0# 0# 0# 0# 0#										
DYNAMIC H.P. AT RAIL: 0 0 0 0 0 0										
TRANSITION SPEED: 20 MPH										

STATION TIME	MP	SPEED LMT RUN	THITLE AMP	SETTING TRN IND PIPE	PRESSURE CVL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRAGBAR FORCES FORE	AFT	
O: 0:30	182.893	0	3	RUN 1	278	REL REL	1	SD40	0 KIPS	22 KIPS	0.00
	182.880						2	SD40	22 KIPS	44 KIPS	0.00
	182.868						3	GONDOLA	44 KIPS	43 KIPS	0.00
	182.724						22	GONDOLA	32 KIPS	32 KIPS	0.10
	182.580						41	GONDOLA	20 KIPS	20 KIPS	0.10
	182.436						60	GONDOLA	8 KIPS	-44 KIPS	0.10
	182.292						79	GONDOLA	-17 KIPS	-18 KIPS	0.09
	182.148						98	GONDOLA	-30 KIPS	-31 KIPS	0.06
	182.141						99	GM6C	-31 KIPS	-18 KIPS	0.07
	182.128						100	GM10B	-18 KIPS	0 KIPS	0.03
-----> TRAIN ENTERING-0.31 % GRADE											
O: 0:40	182.902	0	4	RUN 1	250	REL REL	1	SD40	0 KIPS	17 KIPS	0.00
	182.890						2	SD40	17 KIPS	35 KIPS	0.00
	182.877						3	GONDOLA	35 KIPS	35 KIPS	0.00
	182.734						22	GONDOLA	24 KIPS	23 KIPS	0.10
	182.590						41	GONDOLA	12 KIPS	-30 KIPS	0.10
	182.446						60	GONDOLA	-45 KIPS	-40 KIPS	0.10
	182.302						79	GONDOLA	-23 KIPS	-24 KIPS	0.11
	182.158						98	GONDOLA	-31 KIPS	-31 KIPS	0.06
	182.150						99	GM6C	-18 KIPS	-18 KIPS	0.07
	182.137						100	GM10B	0 KIPS	15 KIPS	0.03
O: 0:50	182.914	0	5	RUN 1	222	REL REL	1	SD40	15 KIPS	28 KIPS	0.00
	182.901						2	SD40	28 KIPS	29 KIPS	0.00
	182.889						3	GONDOLA	29 KIPS	14 KIPS	0.10
	182.745						22	GONDOLA	15 KIPS	-25 KIPS	0.09
	182.601						41	GONDOLA	-27 KIPS	-14 KIPS	0.09
	182.457						60	GONDOLA	-14 KIPS	-25 KIPS	0.11
	182.313						79	GONDOLA	-24 KIPS	-31 KIPS	0.08
	182.169						98	GONDOLA	-31 KIPS	-18 KIPS	0.07
	182.162						99	GM6C	-18 KIPS	0 KIPS	0.04
	182.145						100	GM10B	0 KIPS	12 KIPS	0.00
1: 0	182.928	0	5	RUN 1	201	REL REL	1	SD40	12 KIPS	25 KIPS	0.00
	182.915						2	SD40	25 KIPS	24 KIPS	0.00
	182.903						3	GONDOLA	24 KIPS	13 KIPS	0.10
	182.759						22	GONDOLA	13 KIPS	-20 KIPS	0.09
	182.615						41	GONDOLA	20 KIPS	-14 KIPS	0.09
	182.471						60	GONDOLA	-13 KIPS	-25 KIPS	0.11
	182.327						79	GONDOLA	-24 KIPS	-31 KIPS	0.06
	182.183						98	GONDOLA	-31 KIPS	-18 KIPS	0.07
	182.176						99	GM6C	-31 KIPS	0 KIPS	0.04
	182.163						100	GM10B	-18 KIPS	0 KIPS	0.04

STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING TRN IN	BRAKES PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
O: 1:10	182.944	0	6	RUN 1	186	REL REL	80# 0#	1	SD40	0 KIPS	11 KIPS	0.00
	182.931						80# 0#	2	SD40	11 KIPS	22 KIPS	0.00
	182.919						80# 0#	3	GONDOLA	22 KIPS	22 KIPS	0.00
	182.775						80# 0#	22	GONDOLA	14 KIPS	16 KIPS	0.10
	182.631						80# 0#	41	GONDOLA	14 KIPS	14 KIPS	0.09
HELPERS	182.487						80# 0#	60	GONDOLA	-10 KIPS	-11 KIPS	0.09
	182.467						80# 0#	79	GONDOLA	-22 KIPS	-22 KIPS	0.10
	182.343						80# 0#	98	GONDOLA	-31 KIPS	-31 KIPS	0.08
	182.199						80# 0#	99	GONDOLA	-31 KIPS	-16 KIPS	0.07
	182.179						80# 0#	100	GM108	-16 KIPS	0 KIPS	0.03
O: 1:20	182.982	0	7	RUN 1	173	REL REL	80# 0#	1	SD40	0 KIPS	10 KIPS	0.00
	182.949						80# 0#	2	SD40	10 KIPS	20 KIPS	0.00
	182.937						80# 0#	3	GONDOLA	20 KIPS	20 KIPS	0.00
	182.793						80# 0#	22	GONDOLA	14 KIPS	13 KIPS	0.10
	182.649						80# 0#	41	GONDOLA	4 KIPS	4 KIPS	0.09
HELPERS	182.505						80# 0#	60	GONDOLA	-8 KIPS	-9 KIPS	0.09
	182.381						80# 0#	79	GONDOLA	-20 KIPS	-21 KIPS	0.10
	182.217						80# 0#	98	GONDOLA	-31 KIPS	-31 KIPS	0.06
	182.210						80# 0#	99	GMBC	-31 KIPS	-16 KIPS	0.07
	182.197						80# 0#	100	GM108	-16 KIPS	0 KIPS	0.03
O: 1:30	182.982	0	8	RUN 1	162	REL REL	80# 0#	1	SD40	0 KIPS	9 KIPS	0.00
	182.970						80# 0#	2	SD40	9 KIPS	18 KIPS	0.00
	182.857						80# 0#	3	GONDOLA	18 KIPS	18 KIPS	0.00
	182.813						80# 0#	22	GONDOLA	13 KIPS	12 KIPS	0.09
	182.669						80# 0#	41	GONDOLA	-19 KIPS	-18 KIPS	0.09
HELPERS	182.525						80# 0#	60	GONDOLA	-12 KIPS	-12 KIPS	0.09
	182.381						80# 0#	79	GONDOLA	-21 KIPS	-22 KIPS	0.10
	182.238						80# 0#	98	GONDOLA	-31 KIPS	-31 KIPS	0.06
	182.230						80# 0#	99	GMBC	-31 KIPS	-16 KIPS	0.07
	182.217						80# 0#	100	GM108	-16 KIPS	0 KIPS	0.03
O: 1:40	183.004	0	8	RUN 1	152	REL REL	80# 0#	1	SD40	0 KIPS	8 KIPS	0.00
	182.982						80# 0#	2	SD40	8 KIPS	15 KIPS	0.00
	182.979						80# 0#	3	GONDOLA	15 KIPS	15 KIPS	0.00
	182.835						80# 0#	22	GONDOLA	9 KIPS	9 KIPS	0.09
	182.691						80# 0#	41	GONDOLA	-11 KIPS	-10 KIPS	0.09
HELPERS	182.547						80# 0#	60	GONDOLA	-13 KIPS	-13 KIPS	0.09
	182.403						80# 0#	79	GONDOLA	-22 KIPS	-22 KIPS	0.10
	182.259						80# 0#	98	GONDOLA	-31 KIPS	-31 KIPS	0.11
	182.252						80# 0#	99	GMBC	-31 KIPS	-16 KIPS	0.07
	182.239						80# 0#	100	GM108	-16 KIPS	0 KIPS	0.04

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
O: 1:50	183.028	0	9	RUN	1	144	REL REL	80#	0#	0#	7 KIPS	0.00
	183.015							80#	0#	0#	14 KIPS	0.00
	183.003							80#	0#	0#	13 KIPS	0.00
	182.858							80#	0#	0#	8 KIPS	0.09
	182.715							80#	0#	0#	-4 KIPS	0.08
HELPERS	182.571							80#	0#	0#	-13 KIPS	0.08
	182.427							80#	0#	0#	-22 KIPS	0.10
	182.283							80#	0#	0#	-31 KIPS	0.11
	182.276							80#	0#	0#	-18 KIPS	0.14
	182.263							80#	0#	0#	0 KIPS	0.14
O: 2: 0	183.053	0	10	RUN	1	139	REL REL	80#	0#	0#	8 KIPS	0.00
	183.041							80#	0#	0#	12 KIPS	0.00
	183.028							80#	0#	0#	12 KIPS	0.00
	182.885							80#	0#	0#	9 KIPS	0.00
	182.741							80#	0#	0#	15 KIPS	0.08
HELPERS	182.597							80#	0#	0#	-11 KIPS	0.08
	182.453							80#	0#	0#	-20 KIPS	0.10
	182.308							80#	0#	0#	-30 KIPS	0.11
	182.302							80#	0#	0#	-18 KIPS	0.14
	182.289							80#	0#	0#	0 KIPS	0.14
O: 2:10	183.081	0	10	RUN	1	135	REL REL	80#	0#	0#	6 KIPS	0.00
	183.069							80#	0#	0#	12 KIPS	0.00
	183.056							80#	0#	0#	12 KIPS	0.00
	182.912							80#	0#	0#	9 KIPS	0.00
	182.768							80#	0#	0#	7 KIPS	0.08
HELPERS	182.625							80#	0#	0#	-8 KIPS	0.08
	182.481							80#	0#	0#	-19 KIPS	0.10
	182.337							80#	0#	0#	-30 KIPS	0.11
	182.328							80#	0#	0#	-18 KIPS	0.14
	182.316							80#	0#	0#	0 KIPS	0.14
O: 2:20	183.111	0	11	RUN	1	131	REL REL	80#	0#	0#	6 KIPS	0.00
	183.098							80#	0#	0#	11 KIPS	0.00
	183.086							80#	0#	0#	11 KIPS	0.00
	182.942							80#	0#	0#	9 KIPS	0.00
	182.798							80#	0#	0#	3 KIPS	0.09
HELPERS	182.654							80#	0#	0#	-8 KIPS	0.09
	182.510							80#	0#	0#	-18 KIPS	0.10
	182.366							80#	0#	0#	-28 KIPS	0.11
	182.359							80#	0#	0#	-16 KIPS	0.14
	182.346							80#	0#	0#	0 KIPS	0.14

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
O: 2:30	183.142	0	12	RUN	1	127	REL	REL	80#	0#	0#	0#	0.00
	183.130								80#	0#	0#	0#	0.00
	183.117								80#	0#	0#	0#	0.00
	182.973								80#	0#	0#	0#	0.00
	182.828								80#	0#	0#	0#	0.00
HELPERS	182.685								80#	0#	0#	0#	0.08
	182.541								80#	0#	0#	0#	0.10
	182.398								80#	0#	0#	0#	0.11
	182.377								80#	0#	0#	0#	0.14
	182.375								80#	0#	0#	0#	0.14
O: 2:40	183.175	0	12	RUN	1	124	REL	REL	80#	0#	0#	0#	0.00
	183.163								80#	0#	0#	0#	0.00
	183.150								80#	0#	0#	0#	0.00
	183.007								80#	0#	0#	0#	0.00
	182.863								80#	0#	0#	0#	0.08
HELPERS	182.719								80#	0#	0#	0#	0.09
	182.575								80#	0#	0#	0#	0.10
	182.431								80#	0#	0#	0#	0.11
	182.423								80#	0#	0#	0#	0.14
	182.410								80#	0#	0#	0#	0.14
O: 2:50	183.210	0	13	RUN	1	121	REL	REL	80#	0#	0#	0#	0.00
	183.198								80#	0#	0#	0#	0.00
	183.186								80#	0#	0#	0#	0.00
	183.042								80#	0#	0#	0#	0.00
	182.898								80#	0#	0#	0#	0.00
HELPERS	182.754								80#	0#	0#	0#	0.09
	182.610								80#	0#	0#	0#	0.10
	182.466								80#	0#	0#	0#	0.14
	182.458								80#	0#	0#	0#	0.14
	182.445								80#	0#	0#	0#	0.14
O: 3: 0	183.247	0	14	RUN	1	118	REL	REL	80#	0#	0#	0#	0.00
	183.235								80#	0#	0#	0#	0.00
	183.223								80#	0#	0#	0#	0.00
	183.079								80#	0#	0#	0#	0.00
	182.935								80#	0#	0#	0#	0.00
HELPERS	182.791								80#	0#	0#	0#	0.09
	182.647								80#	0#	0#	0#	0.10
	182.503								80#	0#	0#	0#	0.10
	182.495								80#	0#	0#	0#	0.14
	182.482								80#	0#	0#	0#	0.14

STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES			
								IDENTIFIER	DRABAR FORCES FORE	DRABAR FORCES AFT	L/V RATIO
0: 3:10	183.286	0	14	RUN 1	116 REL REL	80# 0#	1	SD40	0 KIPS	4 KIPS	0.00
	183.274					80# 0#	2	SD40	4 KIPS	8 KIPS	0.00
	183.262					80# 0#	3	GONDOLA	8 KIPS	8 KIPS	0.00
	183.118					80# 0#	22	GONDOLA	4 KIPS	4 KIPS	0.00
	182.974					80# 0#	41	GONDOLA	3 KIPS	4 KIPS	0.00
	182.830					80# 0#	60	GONDOLA	-6 KIPS	-6 KIPS	0.09
	182.686					80# 0#	79	GONDOLA	-17 KIPS	-17 KIPS	0.10
	182.542					80# 0#	98	GONDOLA	-28 KIPS	-28 KIPS	0.10
	182.534					80# 0#	99	GM6C	-28 KIPS	-15 KIPS	0.14
	182.521					80# 0#	100	GM10B	-15 KIPS	0 KIPS	0.14
0: 3:20	183.327	0	15	RUN 1	114 REL REL	80# 0#	1	SD40	0 KIPS	4 KIPS	0.00
	183.315					80# 0#	2	SD40	4 KIPS	8 KIPS	0.00
	183.303					80# 0#	3	GONDOLA	8 KIPS	7 KIPS	0.00
	183.159					80# 0#	22	GONDOLA	4 KIPS	4 KIPS	0.00
	183.015					80# 0#	41	GONDOLA	1 KIPS	1 KIPS	0.00
	182.871					80# 0#	60	GONDOLA	-5 KIPS	-5 KIPS	0.08
	182.727					80# 0#	79	GONDOLA	-16 KIPS	-17 KIPS	0.10
	182.583					80# 0#	98	GONDOLA	-28 KIPS	-28 KIPS	0.10
	182.575					80# 0#	99	GM6C	-28 KIPS	-15 KIPS	0.14
	182.562					80# 0#	100	GM10B	-15 KIPS	0 KIPS	0.13
0: 3:30	183.370	0	16	RUN 1	112 REL REL	80# 0#	1	SD40	0 KIPS	4 KIPS	0.00
	183.358					80# 0#	2	SD40	4 KIPS	7 KIPS	0.00
	183.345					80# 0#	3	GONDOLA	7 KIPS	7 KIPS	0.00
	183.202					80# 0#	22	GONDOLA	4 KIPS	4 KIPS	0.00
	183.058					80# 0#	41	GONDOLA	-14 KIPS	-13 KIPS	0.00
	182.914					80# 0#	60	GONDOLA	-7 KIPS	-7 KIPS	0.00
	182.770					80# 0#	79	GONDOLA	-18 KIPS	-18 KIPS	0.08
	182.626					80# 0#	98	GONDOLA	-27 KIPS	-28 KIPS	0.10
	182.618					80# 0#	99	GM6C	-28 KIPS	-15 KIPS	0.14
	182.605					80# 0#	100	GM10B	-15 KIPS	0 KIPS	0.13
0: 3:40	183.415	0	17	RUN 1	110 REL REL	80# 0#	1	SD40	0 KIPS	3 KIPS	0.00
	183.403					80# 0#	2	SD40	3 KIPS	7 KIPS	0.00
	183.390					80# 0#	3	GONDOLA	7 KIPS	7 KIPS	0.00
	183.246					80# 0#	22	GONDOLA	3 KIPS	2 KIPS	0.00
	183.103					80# 0#	41	GONDOLA	-7 KIPS	-5 KIPS	0.00
	182.959					80# 0#	60	GONDOLA	-9 KIPS	-8 KIPS	0.01
	182.815					80# 0#	79	GONDOLA	-16 KIPS	-16 KIPS	0.08
	182.671					80# 0#	98	GONDOLA	-27 KIPS	-28 KIPS	0.10
	182.663					80# 0#	99	GM6C	-28 KIPS	-15 KIPS	0.14
	182.650					80# 0#	100	GM10B	-15 KIPS	0 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	PRESSURE IND	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										FORE	AFT	
O: 3:50	183.482	0	17	108	REL	REL	80# 0# -28:99 .14:99	1	SD40	0 KIPS	3 KIPS	0.00
	183.450						80# 0#	2	SD40	3 KIPS	6 KIPS	0.00
	183.437						80# 0#	3	GONDOLA	6 KIPS	8 KIPS	0.00
	183.283						80# 0#	22	GONDOLA	-15 KIPS	-16 KIPS	0.00
	183.149						80# 0#	41	GONDOLA	-6 KIPS	-8 KIPS	0.00
HELPERS	183.006						80# 0#	60	GONDOLA	-11 KIPS	-11 KIPS	0.01
	182.862						80# 0#	79	GONDOLA	-16 KIPS	-16 KIPS	0.08
	182.718						80# 0#	98	GONDOLA	-28 KIPS	-28 KIPS	0.10
	182.710						80# 0#	99	GMBC	-15 KIPS	-15 KIPS	0.14
	182.697						80# 0#	100	GM10B	0 KIPS	0 KIPS	0.13
O: 4:0	183.511	0	18	108	REL	REL	80# 0# -27:99 .13:99	1	SD40	0 KIPS	3 KIPS	0.00
	183.499						80# 0#	2	SD40	3 KIPS	6 KIPS	0.00
	183.486						80# 0#	3	GONDOLA	6 KIPS	8 KIPS	0.00
	183.342						80# 0#	22	GONDOLA	-3 KIPS	-2 KIPS	0.00
	183.199						80# 0#	41	GONDOLA	-7 KIPS	-7 KIPS	0.00
HELPERS	183.095						80# 0#	60	GONDOLA	-12 KIPS	-12 KIPS	0.01
	182.911						80# 0#	79	GONDOLA	-17 KIPS	-18 KIPS	0.02
	182.767						80# 0#	98	GONDOLA	-27 KIPS	-27 KIPS	0.10
	182.759						80# 0#	99	GMBC	-15 KIPS	-15 KIPS	0.13
	182.746						80# 0#	100	GM10B	0 KIPS	0 KIPS	0.13
O: 4:10	183.552	0	19	104	REL	REL	80# 0# -27:99 .13:99	1	SD40	0 KIPS	3 KIPS	0.00
	183.550						80# 0#	2	SD40	3 KIPS	6 KIPS	0.00
	183.538						80# 0#	3	GONDOLA	5 KIPS	5 KIPS	0.00
	183.394						80# 0#	22	GONDOLA	-1 KIPS	-2 KIPS	0.00
	183.250						80# 0#	41	GONDOLA	-7 KIPS	-7 KIPS	0.01
HELPERS	183.106						80# 0#	60	GONDOLA	-13 KIPS	-13 KIPS	0.02
	182.962						80# 0#	79	GONDOLA	-19 KIPS	-19 KIPS	0.02
	182.818						80# 0#	98	GONDOLA	-26 KIPS	-27 KIPS	0.10
	182.810						80# 0#	99	GMBC	-15 KIPS	-15 KIPS	0.13
	182.787						80# 0#	100	GM10B	0 KIPS	0 KIPS	0.13
O: 4:20	183.615	0	20	103	REL	REL	80# 0# -27:99 .13:99	1	SD40	0 KIPS	3 KIPS	0.00
	183.603						80# 0#	2	SD40	3 KIPS	6 KIPS	0.00
	183.591						80# 0#	3	GONDOLA	5 KIPS	5 KIPS	0.00
	183.447						80# 0#	22	GONDOLA	-1 KIPS	-1 KIPS	0.00
	183.303						80# 0#	41	GONDOLA	-7 KIPS	-7 KIPS	0.00
HELPERS	183.158						80# 0#	60	GONDOLA	-13 KIPS	-14 KIPS	0.02
	183.015						80# 0#	79	GONDOLA	-20 KIPS	-20 KIPS	0.02
	182.871						80# 0#	98	GONDOLA	-27 KIPS	-27 KIPS	0.10
	182.864						80# 0#	99	GMBC	-15 KIPS	-15 KIPS	0.13
	182.851						80# 0#	100	GM10B	0 KIPS	0 KIPS	0.13

STATION TIME	SPEED LMT	THYLE RUN	AMPS	BRAKES		SETTING	PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
				TRN	IND PIPE						DRUMBAR	FORCES AFT	
O: 4:30	0	20	RUN 1	102	REL	REL	80# 0#	-28:99 .11:100	1	SD40	0 KIPS	3 KIPS	0.00
							80# 0#		2	SD40	3 KIPS	5 KIPS	0.00
							80# 0#		3	GONDOLA	5 KIPS	5 KIPS	0.00
							80# 0#		22	GONDOLA	-8 KIPS	-7 KIPS	0.00
							80# 0#		41	GONDOLA	-7 KIPS	-8 KIPS	0.01
							80# 0#		80	GONDOLA	-14 KIPS	-14 KIPS	0.02
							80# 0#		79	GONDOLA	-20 KIPS	-21 KIPS	0.02
							80# 0#		98	GONDOLA	-27 KIPS	-28 KIPS	0.05
							80# 0#		99	GONDOLA	-28 KIPS	-15 KIPS	0.06
							80# 0#		100	GM108	-15 KIPS	0 KIPS	0.11
HELPERS	0	21	RUN 1	100	REL	REL	80# 0#	-27:99 .08:99	1	SD40	0 KIPS	2 KIPS	0.00
							80# 0#		2	SD40	2 KIPS	5 KIPS	0.00
							80# 0#		3	GONDOLA	5 KIPS	5 KIPS	0.00
							80# 0#		22	GONDOLA	-3 KIPS	-3 KIPS	0.00
							80# 0#		41	GONDOLA	-7 KIPS	-8 KIPS	0.01
							80# 0#		60	GONDOLA	-14 KIPS	-14 KIPS	0.02
							80# 0#		79	GONDOLA	-20 KIPS	-21 KIPS	0.02
							80# 0#		98	GONDOLA	-27 KIPS	-27 KIPS	0.05
							80# 0#		99	GONDOLA	-27 KIPS	-15 KIPS	0.06
							80# 0#		100	GM108	-15 KIPS	0 KIPS	0.03
O: 4:41	0	21	RUN 2	108	REL	REL	80# 0#	-27:99 .08:99	1	SD40	0 KIPS	2 KIPS	0.00
							80# 0#		2	SD40	2 KIPS	5 KIPS	0.00
							80# 0#		22	GONDOLA	5 KIPS	4 KIPS	0.00
							80# 0#		3	GONDOLA	-1 KIPS	-1 KIPS	0.00
							80# 0#		41	GONDOLA	-7 KIPS	-8 KIPS	0.01
							80# 0#		60	GONDOLA	-14 KIPS	-14 KIPS	0.02
							80# 0#		79	GONDOLA	-20 KIPS	-21 KIPS	0.02
							80# 0#		98	GONDOLA	-27 KIPS	-27 KIPS	0.05
							80# 0#		99	GONDOLA	-27 KIPS	-15 KIPS	0.06
							80# 0#		100	GM108	-15 KIPS	0 KIPS	0.03
HELPERS	0	22	RUN 2	219	REL	REL	80# 0#	-54:99 .12:99	1	SD40	0 KIPS	5 KIPS	0.00
							80# 0#		2	SD40	5 KIPS	10 KIPS	0.00
							80# 0#		3	GONDOLA	10 KIPS	10 KIPS	0.00
							80# 0#		22	GONDOLA	-3 KIPS	-3 KIPS	0.00
							80# 0#		41	GONDOLA	-15 KIPS	-18 KIPS	0.02
							80# 0#		60	GONDOLA	-28 KIPS	-29 KIPS	0.03
							80# 0#		79	GONDOLA	-41 KIPS	-41 KIPS	0.05
							80# 0#		98	GONDOLA	-54 KIPS	-54 KIPS	0.12
							80# 0#		99	GM6C	-54 KIPS	-30 KIPS	0.10
							80# 0#		100	GM108	-30 KIPS	0 KIPS	0.07
-----> TRAIN ENTERING 3.00 DEGREE CURVE													
O: 4:50	0	22	RUN 2	145	REL	REL	80# 0#		1	SD40	0 KIPS	5 KIPS	0.00
							80# 0#		2	SD40	5 KIPS	10 KIPS	0.00
							80# 0#		3	GONDOLA	10 KIPS	10 KIPS	0.00
							80# 0#		22	GONDOLA	-3 KIPS	-3 KIPS	0.00
							80# 0#		41	GONDOLA	-15 KIPS	-18 KIPS	0.02
							80# 0#		60	GONDOLA	-28 KIPS	-29 KIPS	0.03
							80# 0#		79	GONDOLA	-41 KIPS	-41 KIPS	0.05
							80# 0#		98	GONDOLA	-54 KIPS	-54 KIPS	0.12
							80# 0#		99	GM6C	-54 KIPS	-30 KIPS	0.10
							80# 0#		100	GM108	-30 KIPS	0 KIPS	0.07

STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING TRN IND	PRESSURE PIPE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	AFT	
0: 5: 0	183.851	0	23	RUN 2	143	REL	REL	80#	0#	0#	0#	0.12
	183.839							80#	0#	0#	0#	0.12
	183.828							80#	0#	0#	0#	0.08
	183.862							80#	0#	0#	0#	0.00
	183.538							80#	0#	0#	0#	0.02
	183.394							80#	0#	0#	0#	0.03
	183.251							80#	0#	0#	0#	0.05
	183.107							80#	0#	0#	0#	0.10
HELPERS	183.099							80#	0#	0#	0#	0.12
	183.086							80#	0#	0#	0#	0.06
0: 5: 10	183.918	0	24	RUN 2	141	REL	REL	80#	0#	0#	0#	0.12
	183.904							80#	0#	0#	0#	0.12
	183.892							80#	0#	0#	0#	0.09
	183.748							80#	0#	0#	0#	0.01
	183.604							80#	0#	0#	0#	0.02
	183.480							80#	0#	0#	0#	0.05
	183.316							80#	0#	0#	0#	0.10
	183.172							80#	0#	0#	0#	0.12
HELPERS	183.165							80#	0#	0#	0#	0.06
	183.151							80#	0#	0#	0#	0.12
0: 5: 20	183.985	0	25	RUN 2	125	REL	REL	80#	0#	0#	0#	0.12
	183.972							80#	0#	0#	0#	0.12
	183.960							80#	0#	0#	0#	0.09
	183.818							80#	0#	0#	0#	0.03
	183.672							80#	0#	0#	0#	0.04
	183.528							80#	0#	0#	0#	0.05
	183.384							80#	0#	0#	0#	0.10
	183.240							80#	0#	0#	0#	0.12
HELPERS	183.233							80#	0#	0#	0#	0.06
	183.220							80#	0#	0#	0#	0.12
SDG M	184							80#	0#	0#	0#	0.06
0: 5: 22	184.000	0	25	RUN 2	137	REL	REL	80#	0#	0#	0#	0.12
	183.988							80#	0#	0#	0#	0.12
	183.975							80#	0#	0#	0#	0.08
	183.831							80#	0#	0#	0#	0.09
	183.687							80#	0#	0#	0#	0.03
	183.544							80#	0#	0#	0#	0.04
	183.400							80#	0#	0#	0#	0.05
	183.256							80#	0#	0#	0#	0.10
HELPERS	183.248							80#	0#	0#	0#	0.12
	183.235							80#	0#	0#	0#	0.06

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABBAR FORCES FORE	AFT	
0: 5:40	184.129	0	27	4	182	REL	REL	80# 0# -60:99 .13:99	1	SD40	0 KIPS	1 KIPS	0.00
	184.117							80# 0#	2	SD40	1 KIPS	8 KIPS	0.00
	184.104							80# 0#	3	GONDOLA	8 KIPS	8 KIPS	0.00
	183.980							80# 0#	22	GONDOLA	-2 KIPS	-21 KIPS	0.08
	183.816							80# 0#	41	GONDOLA	-20 KIPS	-35 KIPS	0.09
	183.672							80# 0#	60	GONDOLA	-34 KIPS	-47 KIPS	0.04
	183.528							80# 0#	79	GONDOLA	-47 KIPS	-59 KIPS	0.05
	183.385							80# 0#	98	GONDOLA	-59 KIPS	-80 KIPS	0.11
	183.377							80# 0#	99	GMBC	-34 KIPS	-34 KIPS	0.13
	183.364							80# 0#	100	GM10B	0 KIPS	0 KIPS	0.07
0: 5:50	184.205	0	28	4	308	REL	REL	80# 0# -103:99 .23:99	1	SD40	0 KIPS	13 KIPS	0.00
	184.193							80# 0#	2	SD40	13 KIPS	28 KIPS	0.00
	184.181							80# 0#	3	GONDOLA	26 KIPS	22 KIPS	0.00
	184.037							80# 0#	22	GONDOLA	-34 KIPS	-35 KIPS	0.08
	183.893							80# 0#	41	GONDOLA	-53 KIPS	-54 KIPS	0.11
	183.748							80# 0#	60	GONDOLA	-72 KIPS	-73 KIPS	0.09
	183.605							80# 0#	79	GONDOLA	-87 KIPS	-88 KIPS	0.10
	183.481							80# 0#	98	GONDOLA	-103 KIPS	-103 KIPS	0.19
	183.454							80# 0#	99	GMBC	-103 KIPS	-60 KIPS	0.23
	183.440							80# 0#	100	GM10B	-60 KIPS	0 KIPS	0.13
-----> TRAIN ENTERING 3.50 DEGREE CURVE													
0: 6: 0	184.285	0	29	4	299	REL	REL	80# 0# -104:99 .23:99	1	SD40	0 KIPS	80 KIPS	0.11
	184.273							80# 0#	2	SD40	80 KIPS	51 KIPS	0.12
	184.260							80# 0#	3	GONDOLA	51 KIPS	39 KIPS	0.08
	184.117							80# 0#	22	GONDOLA	-70 KIPS	-71 KIPS	0.08
	183.973							80# 0#	41	GONDOLA	-78 KIPS	-78 KIPS	0.15
	183.829							80# 0#	60	GONDOLA	-89 KIPS	-90 KIPS	0.17
	183.685							80# 0#	79	GONDOLA	-97 KIPS	-97 KIPS	0.11
	183.541							80# 0#	98	GONDOLA	-103 KIPS	-104 KIPS	0.19
	183.533							80# 0#	99	GMBC	-104 KIPS	-81 KIPS	0.23
	183.520							80# 0#	100	GM10B	-81 KIPS	0 KIPS	0.13
0: 6:10	184.367	0	30	4	294	REL	REL	80# 0# -107:75 .23:99	1	SD40	0 KIPS	12 KIPS	0.10
	184.355							80# 0#	2	SD40	12 KIPS	25 KIPS	0.12
	184.342							80# 0#	3	GONDOLA	25 KIPS	23 KIPS	0.08
	184.198							80# 0#	22	GONDOLA	-74 KIPS	-78 KIPS	0.09
	184.054							80# 0#	41	GONDOLA	-103 KIPS	-103 KIPS	0.18
	183.911							80# 0#	60	GONDOLA	-104 KIPS	-108 KIPS	0.18
	183.767							80# 0#	79	GONDOLA	-107 KIPS	-108 KIPS	0.12
	183.623							80# 0#	98	GONDOLA	-104 KIPS	-104 KIPS	0.19
	183.615							80# 0#	99	GMBC	-104 KIPS	-81 KIPS	0.23
	183.602							80# 0#	100	GM10B	-81 KIPS	0 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS SETTLING	BRAKES TRN INO PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	AFT	
0: 6:19	184.440	0	30	RUN 4	292	REL	80# 0# -121:43 23:99	1	SD40	0 KIPS	12 KIPS	0.10
	184.428						80# 0#	2	SD40	12 KIPS	24 KIPS	0.12
	184.415						80# 0#	3	GONDOLA	24 KIPS	21 KIPS	0.08
	184.271						80# 0#	22	GONDOLA	-85 KIPS	-69 KIPS	0.16
	184.127						80# 0#	41	GONDOLA	-118 KIPS	-120 KIPS	0.13
	183.984						80# 0#	60	GONDOLA	-114 KIPS	-114 KIPS	0.19
	183.840						80# 0#	79	GONDOLA	-111 KIPS	-110 KIPS	0.19
	183.698						80# 0#	98	GONDOLA	-104 KIPS	-104 KIPS	0.19
HELPERS	183.658			RUN 4	582	REL	80# 0#	99	GMBC	-104 KIPS	-61 KIPS	0.23
	183.675						80# 0#	100	GM10B	-81 KIPS	0 KIPS	0.13
-----> RUN 6												
-----> CONTINUE UNTIL SPEED REACHES 15 M.P.H.												
0: 6:20	184.448	0	30	RUN 6	307	REL	80# 0# -127:44 23:99	1	SD40	0 KIPS	12 KIPS	0.10
	184.436						80# 0#	2	SD40	12 KIPS	24 KIPS	0.12
	184.424						80# 0#	3	GONDOLA	24 KIPS	21 KIPS	0.08
	184.280						80# 0#	22	GONDOLA	-50 KIPS	-54 KIPS	0.15
	184.136						80# 0#	41	GONDOLA	-119 KIPS	-123 KIPS	0.14
	183.992						80# 0#	60	GONDOLA	-118 KIPS	-118 KIPS	0.20
	183.848						80# 0#	79	GONDOLA	-113 KIPS	-113 KIPS	0.18
	183.704						80# 0#	98	GONDOLA	-105 KIPS	-105 KIPS	0.18
HELPERS	183.696			RUN 6	596	REL	80# 0#	99	GMBC	-105 KIPS	-81 KIPS	0.23
	183.683						80# 0#	100	GM10B	-81 KIPS	0 KIPS	0.13
0: 6:20	184.450	0	30	RUN 6	307	REL	80# 0# -128:45 23:99	1	SD40	0 KIPS	12 KIPS	0.10
	184.438						80# 0#	2	SD40	12 KIPS	23 KIPS	0.12
	184.425						80# 0#	3	GONDOLA	23 KIPS	19 KIPS	0.08
	184.281						80# 0#	22	GONDOLA	-50 KIPS	-54 KIPS	0.15
	184.137						80# 0#	41	GONDOLA	-118 KIPS	-122 KIPS	0.13
	183.993						80# 0#	60	GONDOLA	-119 KIPS	-119 KIPS	0.20
	183.849						80# 0#	79	GONDOLA	-113 KIPS	-113 KIPS	0.19
	183.708						80# 0#	98	GONDOLA	-104 KIPS	-104 KIPS	0.19
HELPERS	183.698			RUN 6	596	REL	80# 0#	99	GMBC	-104 KIPS	-80 KIPS	0.23
	183.685						80# 0#	100	GM10B	-80 KIPS	0 KIPS	0.13
0: 6:21	184.458	0	30	RUN 6	323	REL	80# 0# -131:45 23:99	1	SD40	0 KIPS	12 KIPS	0.10
	184.446						80# 0#	2	SD40	12 KIPS	25 KIPS	0.12
	184.434						80# 0#	3	GONDOLA	25 KIPS	21 KIPS	0.08
	184.290						80# 0#	22	GONDOLA	-50 KIPS	-54 KIPS	0.15
	184.146						80# 0#	41	GONDOLA	-118 KIPS	-122 KIPS	0.13
	184.002						80# 0#	60	GONDOLA	-122 KIPS	-122 KIPS	0.20
	183.858						80# 0#	79	GONDOLA	-116 KIPS	-116 KIPS	0.20
	183.714						80# 0#	98	GONDOLA	-108 KIPS	-107 KIPS	0.20
HELPERS	183.706			RUN 6	621	REL	80# 0#	99	GMBC	-107 KIPS	-81 KIPS	0.23
	183.693						80# 0#	100	GM10B	-81 KIPS	0 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING REL	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	AFT	
0: 8:30	184.533	0	30	RUN	6	460	REL	REL	80#	0#	0#	0#	0.10
	184.521								80#	0#	0#	0#	0.13
	184.508								80#	0#	0#	0#	0.14
	184.365								80#	0#	0#	0#	0.15
	184.221								80#	0#	0#	0#	0.14
	184.077								80#	0#	0#	0#	0.21
	183.933								80#	0#	0#	0#	0.23
	183.789								80#	0#	0#	0#	0.27
HELPERS	183.781								80#	0#	0#	0#	0.33
	183.768								80#	0#	0#	0#	0.19
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0: 6:40	184.617	0	30	RUN	6	459	REL	REL	80#	0#	0#	0#	0.10
	184.604								80#	0#	0#	0#	0.14
	184.592								80#	0#	0#	0#	0.13
	184.446								80#	0#	0#	0#	0.11
	184.304								80#	0#	0#	0#	0.22
	184.160								80#	0#	0#	0#	0.19
	184.016								80#	0#	0#	0#	0.24
	183.872								80#	0#	0#	0#	0.34
HELPERS	183.865								80#	0#	0#	0#	0.24
	183.852								80#	0#	0#	0#	0.24
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
0: 6:50	184.700	0	30	RUN	6	465	REL	REL	80#	0#	0#	0#	0.12
	184.688								80#	0#	0#	0#	0.13
	184.675								80#	0#	0#	0#	0.15
	184.531								80#	0#	0#	0#	0.09
	184.387								80#	0#	0#	0#	0.20
	184.243								80#	0#	0#	0#	0.25
	184.089								80#	0#	0#	0#	0.19
	183.956								80#	0#	0#	0#	0.28
HELPERS	183.948								80#	0#	0#	0#	0.32
	183.935								80#	0#	0#	0#	0.22
0: 7: 0	184.781	0	29	RUN	6	472	REL	REL	80#	0#	0#	0#	0.10
	184.769								80#	0#	0#	0#	0.13
	184.757								80#	0#	0#	0#	0.14
	184.613								80#	0#	0#	0#	0.07
	184.468								80#	0#	0#	0#	0.17
	184.325								80#	0#	0#	0#	0.24
	184.181								80#	0#	0#	0#	0.20
	184.037								80#	0#	0#	0#	0.28
HELPERS	184.030								80#	0#	0#	0#	0.34
	184.016								80#	0#	0#	0#	0.22

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE L/V:CAR	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											FORWARD FORCES	AFT	
0: 7:10	184.860	0	28	RUN 6	486	REL	REL	80# 0# -178:88 34:99	1	SD40	0 KIPS	30 KIPS	0.10
	184.848							80# 0#	2	SD40	30 KIPS	59 KIPS	0.15
	184.836							80# 0#	3	GONDOLA	59 KIPS	57 KIPS	0.17
	184.892							80# 0#	22	GONDOLA	17 KIPS	18 KIPS	0.08
	184.846							80# 0#	41	GONDOLA	-52 KIPS	-55 KIPS	0.14
	184.404							80# 0#	60	GONDOLA	-105 KIPS	-108 KIPS	0.21
	184.280							80# 0#	79	GONDOLA	-156 KIPS	-159 KIPS	0.25
	184.118							80# 0#	98	GONDOLA	-163 KIPS	-161 KIPS	0.29
HELPERS	184.108			RUN 6	868	REL	REL	80# 0#	99	GMBC	-92 KIPS	-92 KIPS	0.34
	184.086							80# 0#	100	GM10B	-92 KIPS	0 KIPS	0.19
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
-----> TRAIN ENTERING 2.50 DEGREE CURVE													
0: 7:20	184.936	0	27	RUN 6	506	REL	REL	80# 0# -181:98 35:99	1	SD40	0 KIPS	32 KIPS	0.11
	184.924							80# 0#	2	SD40	32 KIPS	64 KIPS	0.15
	184.911							80# 0#	3	GONDOLA	64 KIPS	81 KIPS	0.17
	184.768							80# 0#	22	GONDOLA	20 KIPS	18 KIPS	0.08
	184.624							80# 0#	41	GONDOLA	-29 KIPS	-31 KIPS	0.10
	184.480							80# 0#	60	GONDOLA	-75 KIPS	-77 KIPS	0.17
	184.336							80# 0#	79	GONDOLA	-121 KIPS	-123 KIPS	0.22
	184.192							80# 0#	88	GONDOLA	-161 KIPS	-161 KIPS	0.28
HELPERS	184.184			RUN 6	887	REL	REL	80# 0#	99	GMBC	-93 KIPS	-93 KIPS	0.35
	184.171							80# 0#	100	GM10B	-93 KIPS	0 KIPS	0.18
0: 7:30	185.008	0	25	RUN 6	526	REL	REL	80# 0# -155:99 36:98	1	SD40	0 KIPS	33 KIPS	0.07
	184.986							80# 0#	2	SD40	33 KIPS	66 KIPS	0.12
	184.983							80# 0#	3	GONDOLA	66 KIPS	84 KIPS	0.14
	184.839							80# 0#	22	GONDOLA	25 KIPS	23 KIPS	0.09
	184.695							80# 0#	41	GONDOLA	-23 KIPS	-26 KIPS	0.10
	184.551							80# 0#	60	GONDOLA	-64 KIPS	-67 KIPS	0.18
	184.408							80# 0#	79	GONDOLA	-108 KIPS	-110 KIPS	0.21
	184.264							80# 0#	98	GONDOLA	-152 KIPS	-155 KIPS	0.36
HELPERS	184.256			RUN 6	905	REL	REL	80# 0#	99	GMBC	-88 KIPS	-88 KIPS	0.35
	184.243							80# 0#	100	GM10B	-88 KIPS	0 KIPS	0.22
0: 7:40	185.076	0	24	RUN 6	543	REL	REL	80# 0# -156:99 33:99	1	SD40	0 KIPS	35 KIPS	0.07
	185.064							80# 0#	2	SD40	35 KIPS	69 KIPS	0.12
	185.051							80# 0#	3	GONDOLA	69 KIPS	67 KIPS	0.12
	184.807							80# 0#	22	GONDOLA	25 KIPS	22 KIPS	0.10
	184.764							80# 0#	41	GONDOLA	-24 KIPS	-26 KIPS	0.10
	184.620							80# 0#	60	GONDOLA	-68 KIPS	-68 KIPS	0.15
	184.476							80# 0#	79	GONDOLA	-110 KIPS	-112 KIPS	0.21
	184.332							80# 0#	98	GONDOLA	-154 KIPS	-156 KIPS	0.29
HELPERS	184.324			RUN 6	924	REL	REL	80# 0#	99	GMBC	-89 KIPS	-89 KIPS	0.33
	184.311							80# 0#	100	GM10B	-89 KIPS	0 KIPS	0.21

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 568	SETTING REL	PRESSURE REL	BRAKES TRN IND PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	FORCES AFT	
O: 7:50	185.141	0	23	RUN	6	568	REL	REL	80#	0#	0#	0#	0.07
	185.128								80#	0#	0#	0#	0.11
	185.116								80#	0#	0#	0#	0.10
	184.972								80#	0#	0#	0#	0.06
	184.828								80#	0#	0#	0#	0.10
HELPERS	184.884								80#	0#	0#	0#	0.18
	184.840								80#	0#	0#	0#	0.21
	184.396								80#	0#	0#	0#	0.29
	184.369								80#	0#	0#	0#	0.32
	184.376								80#	0#	0#	0#	0.22
O: 8:0	185.202	0	21	RUN	8	588	REL	REL	80#	0#	0#	0#	0.07
	185.189								80#	0#	0#	0#	0.11
	185.177								80#	0#	0#	0#	0.08
	185.033								80#	0#	0#	0#	0.06
	184.889								80#	0#	0#	0#	0.10
HELPERS	184.745								80#	0#	0#	0#	0.18
	184.601								80#	0#	0#	0#	0.21
	184.457								80#	0#	0#	0#	0.29
	184.450								80#	0#	0#	0#	0.30
	184.437								80#	0#	0#	0#	0.20
O: 8:10	185.260	0	20	RUN	6	623	REL	REL	80#	0#	0#	0#	0.08
	185.247								80#	0#	0#	0#	0.11
	185.235								80#	0#	0#	0#	0.08
	185.091								80#	0#	0#	0#	0.08
	184.947								80#	0#	0#	0#	0.10
HELPERS	184.803								80#	0#	0#	0#	0.15
	184.659								80#	0#	0#	0#	0.22
	184.515								80#	0#	0#	0#	0.29
	184.508								80#	0#	0#	0#	0.30
	184.485								80#	0#	0#	0#	0.20
O: 8:20	185.315	0	19	RUN	6	645	REL	REL	80#	0#	0#	0#	0.08
	185.302								80#	0#	0#	0#	0.12
	185.290								80#	0#	0#	0#	0.08
	185.146								80#	0#	0#	0#	0.06
	185.002								80#	0#	0#	0#	0.07
HELPERS	184.858								80#	0#	0#	0#	0.16
	184.714								80#	0#	0#	0#	0.23
	184.570								80#	0#	0#	0#	0.29
	184.563								80#	0#	0#	0#	0.30
	184.550								80#	0#	0#	0#	0.21

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES						
											FOR	DRAWBAR FORCES AFT	L/V RATIO				
O: 8:30	185.386	0	18	RUN	6	694	REL	REL	80#	0#	-168:99	36:99	1	SD40	0 KIPS	48 KIPS	0.08
	185.354								80#	0#			2	SD40	48 KIPS	95 KIPS	0.10
	185.342								80#	0#			3	GONDOLA	95 KIPS	93 KIPS	0.07
	185.198								80#	0#			22	GONDOLA	51 KIPS	49 KIPS	0.06
	185.054								80#	0#			41	GONDOLA	40 KIPS	35 KIPS	0.06
	184.910								80#	0#			60	GONDOLA	-58 KIPS	-61 KIPS	0.13
	184.788								80#	0#			79	GONDOLA	-112 KIPS	-115 KIPS	0.22
	184.622								80#	0#			98	GONDOLA	-165 KIPS	-168 KIPS	0.30
	184.615								80#	0#			99	GM6C	-168 KIPS	-93 KIPS	0.36
	184.602								80#	0#			100	GM10B	-93 KIPS	0 KIPS	0.21
-----> TRAIN ENTERING 0.00 DEGREE CURVE																	
O: 8:40	185.416	0	17	RUN	6	722	REL	REL	80#	0#	-170:99	50:99	1	SD40	0 KIPS	49 KIPS	0.08
	185.403								80#	0#			2	SD40	49 KIPS	98 KIPS	0.16
	185.391								80#	0#			3	GONDOLA	98 KIPS	95 KIPS	0.13
	185.247								80#	0#			22	GONDOLA	49 KIPS	48 KIPS	0.06
	185.103								80#	0#			41	GONDOLA	-34 KIPS	-33 KIPS	0.07
	184.959								80#	0#			60	GONDOLA	-67 KIPS	-70 KIPS	0.14
	184.815								80#	0#			79	GONDOLA	-117 KIPS	-119 KIPS	0.22
	184.671								80#	0#			98	GONDOLA	-187 KIPS	-170 KIPS	0.39
	184.664								80#	0#			99	GM6C	-170 KIPS	-94 KIPS	0.50
	184.651								80#	0#			100	GM10B	-94 KIPS	0 KIPS	0.24
O: 8:50	185.463	0	16	RUN	6	756	REL	REL	80#	0#	-170:99	50:99	1	SD40	0 KIPS	53 KIPS	0.06
	185.450								80#	0#			2	SD40	53 KIPS	106 KIPS	0.06
	185.438								80#	0#			3	GONDOLA	106 KIPS	104 KIPS	0.10
	185.284								80#	0#			22	GONDOLA	60 KIPS	57 KIPS	0.07
	185.150								80#	0#			41	GONDOLA	-54 KIPS	30 KIPS	0.07
	185.006								80#	0#			60	GONDOLA	-67 KIPS	-69 KIPS	0.13
	184.862								80#	0#			79	GONDOLA	-116 KIPS	-118 KIPS	0.22
	184.718								80#	0#			98	GONDOLA	-167 KIPS	-170 KIPS	0.39
	184.711								80#	0#			99	GM6C	-170 KIPS	-93 KIPS	0.50
	184.698								80#	0#			100	GM10B	-93 KIPS	0 KIPS	0.26
-----> TRAIN ENTERING 3.00 DEGREE CURVE																	
O: 9: 0	185.507	0	16	RUN	6	786	REL	REL	80#	0#	-171:99	50:99	1	SD40	0 KIPS	55 KIPS	0.16
	185.495								80#	0#			2	SD40	55 KIPS	111 KIPS	0.23
	185.483								80#	0#			3	GONDOLA	111 KIPS	108 KIPS	0.18
	185.339								80#	0#			22	GONDOLA	62 KIPS	59 KIPS	0.07
	185.195								80#	0#			41	GONDOLA	-21 KIPS	-23 KIPS	0.07
	185.051								80#	0#			60	GONDOLA	-59 KIPS	-62 KIPS	0.13
	184.907								80#	0#			79	GONDOLA	-112 KIPS	-115 KIPS	0.23
	184.763								80#	0#			98	GONDOLA	-168 KIPS	-171 KIPS	0.39
	184.756								80#	0#			99	GM6C	-171 KIPS	-93 KIPS	0.50
	184.743								80#	0#			100	GM10B	-93 KIPS	0 KIPS	0.26
RUN 6 1044 REL REL																	
HELPERS																	

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABBAR FORCES FORE	AFT	
O: 9: 8	185.542	0	15	RUN	8	813	REL	REL	80#	0#	0#	57 KIPS	0.10
	185.530								80#	0#	0#	113 KIPS	0.12
	185.517								80#	0#	0#	110 KIPS	0.09
	185.517								80#	0#	0#	54 KIPS	0.07
	185.373								22	GONDOLA	0 KIPS	-11 KIPS	0.07
	185.229								41	GONDOLA	57 KIPS	-84 KIPS	0.13
	185.085								60	GONDOLA	-8 KIPS	-116 KIPS	0.19
	184.942								79	GONDOLA	-113 KIPS	-172 KIPS	0.39
	184.798								98	GONDOLA	-172 KIPS	-84 KIPS	0.50
	184.780								100	GM108	-94 KIPS	0 KIPS	0.26
-----> RUN 8													
-----> CONTINUE FOR 300 SECONDS													
O: 9: 9	185.546	0	15	RUN	8	831	REL	REL	80#	0#	0#	57 KIPS	0.10
	185.534								80#	0#	0#	114 KIPS	0.12
	185.521								80#	0#	0#	59 KIPS	0.09
	185.378								22	GONDOLA	23 KIPS	-54 KIPS	0.06
	185.234								41	GONDOLA	-56 KIPS	-114 KIPS	0.12
	185.090								60	GONDOLA	-111 KIPS	-171 KIPS	0.39
	184.946								79	GONDOLA	-168 KIPS	-93 KIPS	0.50
	184.802								98	GMBC	-93 KIPS	0 KIPS	0.26
	184.794								100	GM108	0 KIPS	57 KIPS	0.10
	184.781								1	SD40	57 KIPS	114 KIPS	0.12
O: 9: 10	185.550	0	15	RUN	8	834	REL	REL	80#	0#	0#	57 KIPS	0.10
	185.538								80#	0#	0#	115 KIPS	0.12
	185.526								80#	0#	0#	112 KIPS	0.09
	185.382								22	GONDOLA	61 KIPS	58 KIPS	0.07
	185.238								41	GONDOLA	20 KIPS	22 KIPS	0.06
	185.094								60	GONDOLA	-55 KIPS	-118 KIPS	0.12
	184.950								79	GONDOLA	-115 KIPS	-180 KIPS	0.19
	184.806								98	GONDOLA	-178 KIPS	-99 KIPS	0.40
	184.798								99	GMBC	-180 KIPS	0 KIPS	0.27
	184.785								100	GM108	0 KIPS	59 KIPS	0.10
O: 9: 20	185.592	0	15	RUN	8	862	REL	REL	80#	0#	0#	118 KIPS	0.13
	185.580								80#	0#	0#	115 KIPS	0.09
	185.567								80#	0#	0#	62 KIPS	0.07
	185.423								22	GONDOLA	84 KIPS	-38 KIPS	0.08
	185.279								41	GONDOLA	-42 KIPS	-100 KIPS	0.17
	185.135								60	GONDOLA	-96 KIPS	-185 KIPS	0.24
	184.992								79	GONDOLA	-161 KIPS	-231 KIPS	0.46
	184.848								98	GONDOLA	-228 KIPS	-132 KIPS	0.83
	184.840								99	GMBC	-231 KIPS	0 KIPS	0.34
	184.827								100	GM108	-132 KIPS	0 KIPS	0.34

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
					SETTING TRN	IND PIPE				DRUMBAR FORCES FORE AFT		
O: 9:30	185.833	0	15	RUN 8	847	REL	REL	1	SD40	0 KIPS	58 KIPS	0.10
	185.821					80#	0#	-233:99	2	SD40	58 KIPS	0.13
	185.808					80#	0#		3	GONDOLA	116 KIPS	0.09
	185.485					80#	0#		22	GONDOLA	49 KIPS	0.00
	185.321					80#	0#		41	GONDOLA	-40 KIPS	0.09
	185.177					80#	0#		60	GONDOLA	-102 KIPS	0.17
	185.033					80#	0#		79	GONDOLA	-165 KIPS	0.24
	184.889					80#	0#		98	GONDOLA	-229 KIPS	0.47
	184.881					80#	0#		99	GM6C	-233 KIPS	0.64
	184.868					80#	0#		100	GM10B	-133 KIPS	0.34
-----> TRAIN ENTERING 0.53 % GRADE												
O: 9:40	185.874	0	15	RUN 8	864	REL	REL	1	SD40	0 KIPS	62 KIPS	0.10
	185.692					80#	0#	-232:99	2	SD40	62 KIPS	0.13
	185.650					80#	0#		3	GONDOLA	124 KIPS	0.09
	185.508					80#	0#		22	GONDOLA	60 KIPS	0.08
	185.362					80#	0#		41	GONDOLA	-17 KIPS	0.07
	185.218					80#	0#		60	GONDOLA	-86 KIPS	0.16
	185.074					80#	0#		79	GONDOLA	-157 KIPS	0.23
	184.930					80#	0#		98	GONDOLA	-228 KIPS	0.52
	184.922					80#	0#		99	GM6C	-232 KIPS	0.64
	184.908					80#	0#		100	GM10B	-132 KIPS	0.40
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
O: 9:50	185.715	0	15	RUN 8	851	REL	REL	1	SD40	0 KIPS	62 KIPS	0.10
	185.703					80#	0#	-232:99	2	SD40	62 KIPS	0.17
	185.691					80#	0#		3	GONDOLA	123 KIPS	0.11
	185.547					80#	0#		22	GONDOLA	60 KIPS	0.08
	185.403					80#	0#		41	GONDOLA	-21 KIPS	0.07
	185.259					80#	0#		60	GONDOLA	-90 KIPS	0.16
	185.115					80#	0#		79	GONDOLA	-159 KIPS	0.23
	184.971					80#	0#		98	GONDOLA	-228 KIPS	0.37
	184.963					80#	0#		99	GM6C	-232 KIPS	0.45
	184.950					80#	0#		100	GM10B	-132 KIPS	0.33
O: 10: 0	185.756	0	15	RUN 8	850	REL	REL	1	SD40	0 KIPS	61 KIPS	0.00
	185.744					80#	0#	-231:99	2	SD40	61 KIPS	0.00
	185.732					80#	0#		3	GONDOLA	123 KIPS	0.01
	185.588					80#	0#		22	GONDOLA	77 KIPS	0.08
	185.444					80#	0#		41	GONDOLA	-88 KIPS	0.01
	185.300					80#	0#		60	GONDOLA	-83 KIPS	0.15
	185.156					80#	0#		79	GONDOLA	-155 KIPS	0.23
	185.012					80#	0#		98	GONDOLA	-227 KIPS	0.37
	185.005					80#	0#		99	GM6C	-231 KIPS	0.43
	184.992					80#	0#		100	GM10B	-132 KIPS	0.29
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
O: 10: 0	185.715	0	15	RUN 8	851	REL	REL	1	SD40	0 KIPS	62 KIPS	0.10
	185.703					80#	0#	-232:99	2	SD40	62 KIPS	0.17
	185.691					80#	0#		3	GONDOLA	123 KIPS	0.11
	185.547					80#	0#		22	GONDOLA	60 KIPS	0.08
	185.403					80#	0#		41	GONDOLA	-21 KIPS	0.07
	185.259					80#	0#		60	GONDOLA	-90 KIPS	0.16
	185.115					80#	0#		79	GONDOLA	-159 KIPS	0.23
	184.971					80#	0#		98	GONDOLA	-228 KIPS	0.37
	184.963					80#	0#		99	GM6C	-232 KIPS	0.45
	184.950					80#	0#		100	GM10B	-132 KIPS	0.33

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	BRAKES PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES			L/V RATIO
										IDENTIFIER	DRAMBAR FORCES FORE	AFT	
0:10:10	185.788	0	15	RUN	8	838	REL	REL	80#	0#	0#	0#	0.00
	185.789								80#	0#	0#	0#	0.00
	185.774								80#	0#	0#	0#	0.00
	185.630								80#	0#	0#	0#	0.08
	185.486								80#	0#	0#	0#	0.07
	185.342								80#	0#	0#	0#	0.14
	185.198								80#	0#	0#	0#	0.22
	185.054								80#	0#	0#	0#	0.37
	185.046								80#	0#	0#	0#	0.43
	185.033								80#	0#	0#	0#	0.28
-----> TRAIN ENTERING 3.00 DEGREE CURVE													
0:10:20	185.841	0	15	RUN	8	824	REL	REL	80#	0#	0#	0#	0.17
	185.828								80#	0#	0#	0#	0.24
	185.816								80#	0#	0#	0#	0.20
	185.672								80#	0#	0#	0#	0.08
	185.528								80#	0#	0#	0#	0.07
	185.384								80#	0#	0#	0#	0.14
	185.240								80#	0#	0#	0#	0.22
	185.096								80#	0#	0#	0#	0.37
	185.089								80#	0#	0#	0#	0.42
	185.076								80#	0#	0#	0#	0.29
0:10:30	185.864	0	16	RUN	8	810	REL	REL	80#	0#	0#	0#	0.10
	185.872								80#	0#	0#	0#	0.12
	185.860								80#	0#	0#	0#	0.08
	185.716								80#	0#	0#	0#	0.07
	185.572								80#	0#	0#	0#	0.13
	185.428								80#	0#	0#	0#	0.22
	185.284								80#	0#	0#	0#	0.37
	185.140								80#	0#	0#	0#	0.43
	185.132								80#	0#	0#	0#	0.28
	185.119								80#	0#	0#	0#	0.10
0:10:40	185.929	0	16	RUN	8	769	REL	REL	80#	0#	0#	0#	0.12
	185.916								80#	0#	0#	0#	0.09
	185.804								80#	0#	0#	0#	0.00
	185.760								80#	0#	0#	0#	0.07
	185.616								80#	0#	0#	0#	0.08
	185.472								80#	0#	0#	0#	0.22
	185.328								80#	0#	0#	0#	0.36
	185.184								80#	0#	0#	0#	0.42
	185.177								80#	0#	0#	0#	0.29
	185.164								80#	0#	0#	0#	0.29

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS REL	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO
0:10:50	185.974	0	17	RUN	8	773	REL	REL	80#	0#	1	SD40	0 KIPS	0.10
	185.982								80#	0#	2	SD40	55 KIPS	0.12
	185.980								80#	0#	3	GONDOLA	109 KIPS	0.08
	185.809								80#	0#	22	GONDOLA	69 KIPS	0.02
	185.662								80#	0#	41	GONDOLA	29 KIPS	0.07
	185.518								80#	0#	60	GONDOLA	-65 KIPS	0.14
	185.374								80#	0#	79	GONDOLA	-138 KIPS	0.21
	185.230								80#	0#	98	GONDOLA	-220 KIPS	0.36
HELPERS	185.222								80#	0#	99	GM6C	-224 KIPS	0.43
	185.209								80#	0#	100	GM108	-131 KIPS	0.29
0:11:0	186.021	0	17	RUN	8	748	REL	REL	80#	0#	1	SD40	0 KIPS	0.10
	186.008								80#	0#	2	SD40	53 KIPS	0.12
	185.997								80#	0#	3	GONDOLA	105 KIPS	0.09
	185.853								80#	0#	22	GONDOLA	58 KIPS	0.08
	185.708								80#	0#	41	GONDOLA	15 KIPS	0.07
	185.585								80#	0#	60	GONDOLA	-80 KIPS	0.14
	185.421								80#	0#	79	GONDOLA	-137 KIPS	0.21
	185.277								80#	0#	98	GONDOLA	-221 KIPS	0.36
HELPERS	185.269								80#	0#	99	GM6C	-130 KIPS	0.42
	185.258								80#	0#	100	GM108	0 KIPS	0.28
0:11:10	186.070	0	18	RUN	8	730	REL	REL	80#	0#	1	SD40	51 KIPS	0.10
	186.058								80#	0#	2	SD40	102 KIPS	0.12
	186.045								80#	0#	3	GONDOLA	98 KIPS	0.08
	185.901								80#	0#	22	GONDOLA	54 KIPS	0.07
	185.757								80#	0#	41	GONDOLA	15 KIPS	0.00
	185.613								80#	0#	60	GONDOLA	-49 KIPS	0.12
	185.470								80#	0#	79	GONDOLA	-132 KIPS	0.15
	185.326								80#	0#	98	GONDOLA	-215 KIPS	0.36
HELPERS	185.318								80#	0#	99	GM6C	-220 KIPS	0.42
	185.305								80#	0#	100	GM108	-130 KIPS	0.28
0:11:20	186.120	0	18	RUN	8	705	REL	REL	80#	0#	1	SD40	0 KIPS	0.10
	186.108								80#	0#	2	SD40	49 KIPS	0.12
	186.096								80#	0#	3	GONDOLA	98 KIPS	0.08
	185.952								80#	0#	22	GONDOLA	52 KIPS	0.07
	185.808								80#	0#	41	GONDOLA	-22 KIPS	0.08
	185.664								80#	0#	60	GONDOLA	-54 KIPS	0.13
	185.520								80#	0#	79	GONDOLA	-132 KIPS	0.23
	185.376								80#	0#	98	GONDOLA	-213 KIPS	0.35
HELPERS	185.368								80#	0#	99	GM6C	-218 KIPS	0.42
	185.355								80#	0#	100	GM108	-130 KIPS	0.28

-----> TRAIN ENTERING 0.00 DEGREE CURVE

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PAGE NO 25

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS REL	BRKES TRN INO PIPE	SETTING CYL	PRESSURE L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO
0:11:30	188.172	0	19	8	679	REL	REL	80# 0#	1	SD40	0 KIPS	0.09
	186.160							80# 0#	2	SD40	46 KIPS	0.12
	186.148							80# 0#	3	GONDOLA	92 KIPS	0.08
	186.004							80# 0#	22	GONDOLA	40 KIPS	0.07
	185.860							80# 0#	41	GONDOLA	-13 KIPS	0.07
	185.716							80# 0#	60	GONDOLA	-58 KIPS	0.13
	185.572							80# 0#	79	GONDOLA	-138 KIPS	0.22
	185.428							80# 0#	98	GONDOLA	-216 KIPS	0.37
HELPERS	185.420							80# 0#	99	GMHC	-130 KIPS	0.45
	185.407							80# 0#	100	GM10B	0 KIPS	0.28
0:11:40	186.226	0	20	8	659	REL	REL	80# 0#	1	SD40	45 KIPS	0.08
	186.214							80# 0#	2	SD40	90 KIPS	0.15
	186.202							80# 0#	3	GONDOLA	87 KIPS	0.14
	186.088							80# 0#	22	GONDOLA	42 KIPS	0.07
	185.914							80# 0#	41	GONDOLA	-18 KIPS	0.07
	185.770							80# 0#	60	GONDOLA	-67 KIPS	0.08
	185.626							80# 0#	78	GONDOLA	-121 KIPS	0.21
	185.482							80# 0#	98	GONDOLA	-208 KIPS	0.37
HELPERS	185.474							80# 0#	99	GMHC	-130 KIPS	0.45
	185.461							80# 0#	100	GM10B	0 KIPS	0.27
0:11:50	186.282	0	20	8	629	REL	REL	80# 0#	1	SD40	43 KIPS	0.00
	186.270							80# 0#	2	SD40	88 KIPS	0.00
	186.257							80# 0#	3	GONDOLA	33 KIPS	0.07
	186.114							80# 0#	22	GONDOLA	-24 KIPS	0.08
	185.970							80# 0#	41	GONDOLA	-75 KIPS	0.16
	185.826							80# 0#	60	GONDOLA	-122 KIPS	0.21
	185.682							80# 0#	79	GONDOLA	-207 KIPS	0.43
	185.538							80# 0#	98	GONDOLA	-211 KIPS	0.48
HELPERS	185.530							80# 0#	99	GMHC	-130 KIPS	0.32
	185.517							80# 0#	100	GM10B	0 KIPS	0.32
-----> TRAIN ENTERING 0.98 % GRADE												
-----> TRAIN ENTERING 3.00 DEGREE CURVE												
0:12:0	186.338	0	21	8	633	REL	REL	80# 0#	1	SD40	0 KIPS	0.12
	186.327							80# 0#	2	SD40	41 KIPS	0.05
	186.314							80# 0#	3	GONDOLA	81 KIPS	0.00
	186.170							80# 0#	22	GONDOLA	48 KIPS	0.08
	186.028							80# 0#	41	GONDOLA	76 KIPS	0.07
	185.882							80# 0#	60	GONDOLA	-63 KIPS	0.15
	185.739							80# 0#	79	GONDOLA	-127 KIPS	0.14
	185.595							80# 0#	98	GONDOLA	-207 KIPS	0.38
HELPERS	185.587							80# 0#	99	GMHC	-129 KIPS	0.43
	185.574							80# 0#	100	GM10B	0 KIPS	0.27

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS 804	SETTING REL	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES AFT	FORE	
0:12:10	186.398	0	22	RUN	8	804	REL	REL	80#	0#	0#	0#	0.09
	186.386								80#	0#	0#	40 KIPS	0.14
	186.373								80#	0#	0#	80 KIPS	0.11
	186.228								80#	0#	0#	-70 KIPS	0.02
	186.086								80#	0#	0#	-85 KIPS	0.15
	185.942								80#	0#	0#	-113 KIPS	0.20
	185.798								80#	0#	0#	-162 KIPS	0.18
	185.654								80#	0#	0#	-208 KIPS	0.35
	185.548								80#	0#	0#	-130 KIPS	0.44
	185.533								80#	0#	0#	0 KIPS	0.27
0:12:20	186.480	0	23	RUN	8	584	REL	REL	80#	0#	0#	35 KIPS	0.09
	186.447								80#	0#	0#	71 KIPS	0.13
	186.435								80#	0#	0#	67 KIPS	0.11
	186.291								80#	0#	0#	43 KIPS	0.02
	186.147								80#	0#	0#	-82 KIPS	0.15
	186.003								80#	0#	0#	-112 KIPS	0.20
	185.859								80#	0#	0#	-162 KIPS	0.25
	185.715								80#	0#	0#	-208 KIPS	0.36
	185.708								80#	0#	0#	-132 KIPS	0.44
	185.695								80#	0#	0#	0 KIPS	0.27
0:12:30	186.523	0	23	RUN	8	570	REL	REL	80#	0#	0#	35 KIPS	0.09
	186.511								80#	0#	0#	70 KIPS	0.13
	186.499								80#	0#	0#	67 KIPS	0.15
	186.355								80#	0#	0#	-37 KIPS	0.09
	186.211								80#	0#	0#	-73 KIPS	0.13
	186.067								80#	0#	0#	-117 KIPS	0.21
	185.923								80#	0#	0#	-163 KIPS	0.26
	185.779								80#	0#	0#	-207 KIPS	0.36
	185.772								80#	0#	0#	-134 KIPS	0.44
	185.758								80#	0#	0#	0 KIPS	0.28
0:12:40	186.559	0	24	RUN	8	562	REL	REL	80#	0#	0#	34 KIPS	0.08
	186.577								80#	0#	0#	68 KIPS	0.13
	186.564								80#	0#	0#	85 KIPS	0.15
	186.420								80#	0#	0#	31 KIPS	0.08
	186.276								80#	0#	0#	-72 KIPS	0.08
	186.133								80#	0#	0#	-116 KIPS	0.21
	185.989								80#	0#	0#	-162 KIPS	0.25
	185.845								80#	0#	0#	-206 KIPS	0.41
	185.837								80#	0#	0#	-134 KIPS	0.55
	185.824								80#	0#	0#	0 KIPS	0.35

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STATION TIME	SPEED LMT	THLTL RUN	AMPS REL	SETTING REL	PIPE REL	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES	AFT	
0:12:50	0	24	8	336	REL	REL	80# 0# -203:99 .55:99	1	SD40	0 KIPS	34 KIPS	0.08
HELPERS	0	24	8	954	REL	REL	80# 0# -201:99 .55:99	1	SD40	0 KIPS	34 KIPS	0.08
0:12:51	0	24	8	0	REL	REL	80# 0# -203:99 .55:99	1	SD40	0 KIPS	34 KIPS	0.08
HELPERS	0	24	8	953	REL	REL	80# 0# -203:99 .55:99	1	SD40	0 KIPS	34 KIPS	0.08
0:12:52	0	24	8	275	REL	REL	80# 0# -203:99 .55:99	1	SD40	0 KIPS	34 KIPS	0.08
HELPERS	0	24	8	950	REL	REL	80# 0# -203:99 .55:99	1	SD40	0 KIPS	34 KIPS	0.08
0:12:53	0	24	8	560	REL	REL	80# 0# -203:99 .55:99	1	SD40	0 KIPS	34 KIPS	0.08
HELPERS	0	24	8	950	REL	REL	80# 0# -203:99 .55:99	1	SD40	0 KIPS	34 KIPS	0.08

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	IND	REL	BRKES PIPE	SETTING CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE	FOR SPECIFIED VEHICLES DRAWBAR FORCES AFT	L/V RATIO
0:12:54	186.883	0	24	RUN	8	388	REL	REL	80# 0# -203:99 .55:99	1	SD40	0 KIPS	17 KIPS	0.08
	186.871								80# 0#	2	SD40	17 KIPS	34 KIPS	0.10
	186.858								80# 0#	3	GONDOLA	34 KIPS	30 KIPS	0.09
	186.814								80# 0#	22	GONDOLA	-33 KIPS	-38 KIPS	0.11
	186.370								80# 0#	41	GONDOLA	-90 KIPS	-93 KIPS	0.19
	186.226								80# 0#	60	GONDOLA	-133 KIPS	-134 KIPS	0.15
	186.083								80# 0#	78	GONDOLA	-168 KIPS	-168 KIPS	0.28
	185.939								80# 0#	99	GONDOLA	-201 KIPS	-203 KIPS	0.41
HELPERS	185.931								80# 0#	99	GMSC	-203 KIPS	-134 KIPS	0.55
	185.918								80# 0#	100	GM10B	-134 KIPS	0 KIPS	0.35
-----> TRAIN ENTERING 0.00 DEGREE CURVE														
0:13:0	186.724	0	24	RUN	8	548	REL	REL	80# 0# -205:99 .55:99	1	SD40	0 KIPS	32 KIPS	0.08
	186.711								80# 0#	2	SD40	32 KIPS	65 KIPS	0.12
	186.698								80# 0#	3	GONDOLA	65 KIPS	82 KIPS	0.12
	186.555								80# 0#	22	GONDOLA	73 KIPS	71 KIPS	0.12
	186.411								80# 0#	41	GONDOLA	-92 KIPS	-95 KIPS	0.19
	186.267								80# 0#	60	GONDOLA	-136 KIPS	-138 KIPS	0.15
	186.123								80# 0#	79	GONDOLA	-168 KIPS	-170 KIPS	0.26
HELPERS	185.972								80# 0#	98	GONDOLA	-203 KIPS	-205 KIPS	0.41
	185.959								80# 0#	99	GMSC	-205 KIPS	-135 KIPS	0.55
0:13:10	186.792	0	25	RUN	8	552	REL	REL	80# 0# -201:99 .54:99	1	SD40	0 KIPS	34 KIPS	0.08
	186.780								80# 0#	2	SD40	34 KIPS	68 KIPS	0.00
	186.767								80# 0#	3	GONDOLA	68 KIPS	86 KIPS	0.00
	186.623								80# 0#	22	GONDOLA	52 KIPS	59 KIPS	0.08
	186.479								80# 0#	41	GONDOLA	-58 KIPS	-81 KIPS	0.15
	186.335								80# 0#	60	GONDOLA	-120 KIPS	-123 KIPS	0.22
	186.192								80# 0#	79	GONDOLA	-160 KIPS	-162 KIPS	0.25
	186.048								80# 0#	98	GONDOLA	-189 KIPS	-201 KIPS	0.40
HELPERS	186.040								80# 0#	99	GMSC	-201 KIPS	-133 KIPS	0.54
	186.027								80# 0#	100	GM10B	-133 KIPS	0 KIPS	0.35
0:13:20	186.861	0	25	RUN	8	543	REL	REL	80# 0# -202:99 .55:99	1	SD40	0 KIPS	33 KIPS	0.00
	186.849								80# 0#	2	SD40	33 KIPS	65 KIPS	0.00
	186.836								80# 0#	3	GONDOLA	65 KIPS	83 KIPS	0.00
	186.692								80# 0#	22	GONDOLA	-80 KIPS	-40 KIPS	0.08
	186.548								80# 0#	41	GONDOLA	-87 KIPS	-70 KIPS	0.16
	186.404								80# 0#	60	GONDOLA	-125 KIPS	-128 KIPS	0.22
	186.261								80# 0#	79	GONDOLA	-166 KIPS	-168 KIPS	0.18
	186.117								80# 0#	98	GONDOLA	-200 KIPS	-202 KIPS	0.40
HELPERS	186.109								80# 0#	99	GMSC	-202 KIPS	-134 KIPS	0.55
	186.096								80# 0#	100	GM10B	-134 KIPS	0 KIPS	0.35

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING IND	BRAKES PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:13:30	186.930	0	25	RUN	8	548	REL	REL	80#	0#	0#	0#	0.00
	186.918								80#	0#	33 KIPS	66 KIPS	0.00
	186.906								80#	0#	66 KIPS	66 KIPS	0.00
	186.782								80#	0#	20 KIPS	18 KIPS	0.00
	186.818								80#	0#	-44 KIPS	-47 KIPS	0.13
	186.474								80#	0#	-108 KIPS	-108 KIPS	0.20
	186.330								80#	0#	-185 KIPS	-185 KIPS	0.25
	186.188								80#	0#	-189 KIPS	-201 KIPS	0.42
	186.178								80#	0#	-133 KIPS	-133 KIPS	0.55
	186.168								80#	0#	-133 KIPS	0 KIPS	0.40
HELPERS	187.000								80#	0#	0 KIPS	33 KIPS	0.00
	186.988								80#	0#	33 KIPS	66 KIPS	0.00
	186.978								80#	0#	66 KIPS	66 KIPS	0.00
	186.832								80#	0#	21 KIPS	21 KIPS	0.00
	186.688								80#	0#	-48 KIPS	-52 KIPS	0.14
	186.544								80#	0#	-106 KIPS	-106 KIPS	0.20
	186.400								80#	0#	-182 KIPS	-185 KIPS	0.28
	186.256								80#	0#	-200 KIPS	-202 KIPS	0.35
	186.248								80#	0#	-134 KIPS	-134 KIPS	0.44
	186.235								80#	0#	0 KIPS	0 KIPS	0.30
HELPERS	187.070								80#	0#	33 KIPS	66 KIPS	0.00
	187.058								80#	0#	66 KIPS	66 KIPS	0.00
	187.045								80#	0#	23 KIPS	20 KIPS	0.00
	186.901								80#	0#	-43 KIPS	-45 KIPS	0.05
	186.757								80#	0#	-98 KIPS	-101 KIPS	0.19
	186.614								80#	0#	-153 KIPS	-156 KIPS	0.25
	186.470								80#	0#	-200 KIPS	-202 KIPS	0.35
	186.328								80#	0#	-134 KIPS	-134 KIPS	0.43
	186.318								80#	0#	0 KIPS	33 KIPS	0.00
	186.305								80#	0#	33 KIPS	66 KIPS	0.00
HELPERS	187.140								80#	0#	66 KIPS	66 KIPS	0.00
	187.127								80#	0#	23 KIPS	21 KIPS	0.00
	187.115								80#	0#	-40 KIPS	-43 KIPS	0.06
	186.971								80#	0#	-88 KIPS	-91 KIPS	0.18
	186.827								80#	0#	-141 KIPS	-144 KIPS	0.24
	186.683								80#	0#	-195 KIPS	-198 KIPS	0.40
	186.539								80#	0#	-188 KIPS	-188 KIPS	0.54
	186.395								80#	0#	-132 KIPS	0 KIPS	0.35
	186.388								80#	0#	0 KIPS	33 KIPS	0.00
	186.375								80#	0#	66 KIPS	66 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS REL	SETTING REL	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS CAR L/V CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
O:14: 8	187.195	0	25	RUN	8	544	REL	REL	1	SD40	0 KIPS	33 KIPS	0.00
	187.183								2	SD40	33 KIPS	65 KIPS	0.00
	187.170								3	GONDOLA	65 KIPS	63 KIPS	0.00
	187.027								22	GONDOLA	14 KIPS	43 KIPS	0.00
	186.883								41	GONDOLA	-40 KIPS	-80 KIPS	0.05
	186.739								60	GONDOLA	-88 KIPS	-144 KIPS	0.11
	186.595								79	GONDOLA	-141 KIPS	-197 KIPS	0.24
	186.451								98	GONDOLA	-184 KIPS	-131 KIPS	0.40
	186.443								99	GM9C	-197 KIPS	0 KIPS	0.54
	186.430								100	GM10B	-131 KIPS	0 KIPS	0.34
-----> RUN 8													
O:14: 9	187.202	0	25	RUN	8	529	REL	REL	1	SD40	0 KIPS	33 KIPS	0.00
	187.190								2	SD40	33 KIPS	66 KIPS	0.00
	187.177								3	GONDOLA	66 KIPS	13 KIPS	0.00
	187.033								22	GONDOLA	15 KIPS	37 KIPS	0.00
	186.890								41	GONDOLA	-35 KIPS	-86 KIPS	0.04
	186.748								60	GONDOLA	-84 KIPS	-139 KIPS	0.10
	186.602								79	GONDOLA	-136 KIPS	-194 KIPS	0.23
	186.458								98	GONDOLA	-191 KIPS	-128 KIPS	0.39
	186.450								99	GM9C	-194 KIPS	0 KIPS	0.53
	186.437								100	GM10B	-128 KIPS	0 KIPS	0.34
HELPERS													
O:14: 10	187.208	0	25	RUN	8	529	REL	REL	1	SD40	0 KIPS	33 KIPS	0.00
	187.197								2	SD40	33 KIPS	66 KIPS	0.00
	187.184								3	GONDOLA	66 KIPS	14 KIPS	0.00
	187.040								22	GONDOLA	17 KIPS	35 KIPS	0.00
	186.898								41	GONDOLA	-32 KIPS	-80 KIPS	0.04
	186.753								60	GONDOLA	-80 KIPS	-133 KIPS	0.09
	186.608								79	GONDOLA	-133 KIPS	-188 KIPS	0.22
	186.465								98	GONDOLA	-188 KIPS	-125 KIPS	0.36
	186.457								99	GM9C	-191 KIPS	0 KIPS	0.49
	186.444								100	GM10B	-125 KIPS	0 KIPS	0.30
-----> TRAIN ENTERING 3.00 DEGREE CURVE													
O:14:20	187.278	0	25	RUN	8	534	REL	REL	1	SD40	0 KIPS	34 KIPS	0.11
	187.265								2	SD40	34 KIPS	68 KIPS	0.05
	187.253								3	GONDOLA	68 KIPS	28 KIPS	0.00
	187.109								22	GONDOLA	31 KIPS	30 KIPS	0.00
	186.965								41	GONDOLA	-28 KIPS	-74 KIPS	0.03
	186.821								60	GONDOLA	-72 KIPS	-122 KIPS	0.08
	186.677								79	GONDOLA	-120 KIPS	-171 KIPS	0.21
	186.533								98	GONDOLA	-171 KIPS	-107 KIPS	0.34
	186.528								99	GM9C	-174 KIPS	0 KIPS	0.45
	186.513								100	GM10B	-107 KIPS	0 KIPS	0.24
HELPERS													

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STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRANBAR FORCES		L/V RATIO
										FORE	AFT	
0:14:30	187.348	0	24	RUN 8	541	REL REL	80# 0# -158:99 .45:99	1	SD40	0 KIPS	34 KIPS	0.08
	187.333						80# 0#	2	SD40	34 KIPS	88 KIPS	0.15
	187.321						80# 0#	3	GONDOLA	68 KIPS	66 KIPS	0.15
	187.177						80# 0#	22	GONDOLA	31 KIPS	29 KIPS	0.00
	187.033						80# 0#	41	GONDOLA	-22 KIPS	-25 KIPS	0.03
	186.889						80# 0#	60	GONDOLA	-85 KIPS	-87 KIPS	0.08
	186.745						80# 0#	79	GONDOLA	-107 KIPS	-110 KIPS	0.20
	186.801						80# 0#	88	GONDOLA	-153 KIPS	-158 KIPS	0.33
	186.594						80# 0#	99	GM6C	-156 KIPS	-89 KIPS	0.45
	186.581						80# 0#	100	GM10B	-89 KIPS	0 KIPS	0.25
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
0:14:40	187.412	0	24	RUN 8	544	REL REL	80# 0# -157:99 .45:99	1	SD40	0 KIPS	34 KIPS	0.09
	187.400						80# 0#	2	SD40	34 KIPS	88 KIPS	0.13
	187.388						80# 0#	3	GONDOLA	68 KIPS	66 KIPS	0.15
	187.244						80# 0#	22	GONDOLA	21 KIPS	19 KIPS	0.00
	187.100						80# 0#	41	GONDOLA	-30 KIPS	-32 KIPS	0.04
	186.956						80# 0#	60	GONDOLA	-71 KIPS	-73 KIPS	0.08
	186.812						80# 0#	79	GONDOLA	-111 KIPS	-114 KIPS	0.13
	186.668						80# 0#	88	GONDOLA	-154 KIPS	-157 KIPS	0.34
	186.647						80# 0#	99	GM6C	-157 KIPS	-89 KIPS	0.45
	187.478						80# 0#	100	GM10B	-89 KIPS	0 KIPS	0.25
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
0:14:50	187.478	0	24	RUN 8	0	REL REL	80# 0# -157:99 .46:99	1	SD40	0 KIPS	35 KIPS	0.00
	187.465						80# 0#	2	SD40	71 KIPS	71 KIPS	0.03
	187.454						80# 0#	3	GONDOLA	69 KIPS	69 KIPS	0.09
	187.310						80# 0#	22	GONDOLA	24 KIPS	24 KIPS	0.06
	187.166						80# 0#	41	GONDOLA	-26 KIPS	-28 KIPS	0.03
	187.022						80# 0#	60	GONDOLA	-68 KIPS	-71 KIPS	0.08
	186.878						80# 0#	79	GONDOLA	-111 KIPS	-113 KIPS	0.12
	186.734						80# 0#	88	GONDOLA	-154 KIPS	-157 KIPS	0.35
	186.726						80# 0#	99	GM6C	-157 KIPS	-89 KIPS	0.46
	186.713						80# 0#	100	GM10B	-89 KIPS	0 KIPS	0.29
-----> TRAIN ENTERING 0.00 X GRADE												
0:14:51	187.472	0	23	RUN 8	553	REL REL	80# 0# -158:99 .34:99	1	SD40	0 KIPS	38 KIPS	0.00
	187.472						80# 0#	2	SD40	74 KIPS	74 KIPS	0.00
	187.460						80# 0#	3	GONDOLA	27 KIPS	25 KIPS	0.00
	187.318						80# 0#	22	GONDOLA	-19 KIPS	-22 KIPS	0.06
	187.172						80# 0#	41	GONDOLA	-65 KIPS	-67 KIPS	0.02
	187.028						80# 0#	60	GONDOLA	-110 KIPS	-112 KIPS	0.08
	186.884						80# 0#	79	GONDOLA	-158 KIPS	-158 KIPS	0.12
	186.740						80# 0#	88	GONDOLA	-158 KIPS	-90 KIPS	0.28
	186.733						80# 0#	99	GM6C	-158 KIPS	0 KIPS	0.34
	186.720						80# 0#	100	GM10B	-90 KIPS	0 KIPS	0.19
-----> TRAIN ENTERING 4.50 DEGREE CURVE												

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										FORWARD FORCES	REAR FORCES	
0:14:52	187.491	0	23	RUN 6	554	REL REL	80# 0# -158:99 .34:99	1	SD40	0 KIPS	39 KIPS	0.13
	187.479						80# 0#	2	SD40	39 KIPS	74 KIPS	0.00
	187.467						80# 0#	3	GONDOLA	74 KIPS	72 KIPS	0.00
	187.323						80# 0#	22	GONDOLA	28 KIPS	25 KIPS	0.06
	187.179						80# 0#	41	GONDOLA	-21 KIPS	-24 KIPS	0.03
	187.035						80# 0#	60	GONDOLA	-66 KIPS	-68 KIPS	0.08
	186.891						80# 0#	79	GONDOLA	-111 KIPS	-113 KIPS	0.13
	186.747						80# 0#	98	GONDOLA	-158 KIPS	-158 KIPS	0.28
HELPERS	186.738						80# 0#	99	GMBC	-158 KIPS	-90 KIPS	0.34
0:14:53	187.498	0	23	RUN 6	555	REL REL	80# 0# -159:99 .34:99	100	GM10B	-90 KIPS	0 KIPS	0.19
	187.485						80# 0#	1	SD40	0 KIPS	38 KIPS	0.16
	187.473						80# 0#	2	SD40	38 KIPS	77 KIPS	0.06
	187.329						80# 0#	3	GONDOLA	77 KIPS	74 KIPS	0.00
	187.185						80# 0#	22	GONDOLA	27 KIPS	24 KIPS	0.08
	187.041						80# 0#	41	GONDOLA	-25 KIPS	-28 KIPS	0.03
	186.897						80# 0#	60	GONDOLA	-89 KIPS	-71 KIPS	0.08
	186.753						80# 0#	79	GONDOLA	-113 KIPS	-118 KIPS	0.13
HELPERS	186.748						80# 0#	98	GONDOLA	-158 KIPS	-159 KIPS	0.28
	186.733						80# 0#	99	GMBC	-159 KIPS	-90 KIPS	0.34
-----> TRAIN ENTERING 0.65 X GRADE								100	GM10B	-90 KIPS	0 KIPS	0.19
0:15: 0	187.843	0	23	RUN 6	552	REL REL	80# 0# -160:99 .34:99	1	SD40	0 KIPS	38 KIPS	0.14
	187.831						80# 0#	2	SD40	38 KIPS	76 KIPS	0.16
	187.518						80# 0#	3	GONDOLA	76 KIPS	75 KIPS	0.18
	187.374						80# 0#	22	GONDOLA	27 KIPS	24 KIPS	0.06
	187.230						80# 0#	41	GONDOLA	-30 KIPS	-33 KIPS	0.04
	187.087						80# 0#	60	GONDOLA	-73 KIPS	-75 KIPS	0.08
	186.943						80# 0#	79	GONDOLA	-115 KIPS	-117 KIPS	0.13
	186.799						80# 0#	98	GONDOLA	-157 KIPS	-160 KIPS	0.29
HELPERS	186.791						80# 0#	99	GMBC	-180 KIPS	-91 KIPS	0.34
0:15:10	187.807	0	23	RUN 6	559	REL REL	80# 0# -159:99 .34:99	100	GM10B	-91 KIPS	0 KIPS	0.19
	187.595						80# 0#	1	SD40	0 KIPS	37 KIPS	0.13
	187.583						80# 0#	2	SD40	37 KIPS	73 KIPS	0.16
	187.439						80# 0#	3	GONDOLA	73 KIPS	72 KIPS	0.12
	187.295						80# 0#	22	GONDOLA	47 KIPS	44 KIPS	0.07
	187.151						80# 0#	41	GONDOLA	-51 KIPS	-51 KIPS	0.06
	187.007						80# 0#	60	GONDOLA	-68 KIPS	-70 KIPS	0.08
	186.863						80# 0#	79	GONDOLA	-112 KIPS	-118 KIPS	0.13
HELPERS	186.855						80# 0#	98	GONDOLA	-157 KIPS	-159 KIPS	0.28
	186.842						80# 0#	99	GMBC	-159 KIPS	-90 KIPS	0.34
								100	GM10B	-90 KIPS	0 KIPS	0.19

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STATION TIME	SPEED LMT RUN	THTLT AMP	SETTING TRN IND	PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRANBAR FORCES		L/V RATIO
									FORE	AFT	
0:15:20	187.871	0	23	RUN	6	561 REL REL	1	SD40	0 KIPS	37 KIPS	0.13
	187.859						2	SD40	37 KIPS	73 KIPS	0.18
	187.647						3	GONDOLA	73 KIPS	71 KIPS	0.12
	187.503						22	GONDOLA	46 KIPS	44 KIPS	0.10
	187.359						41	GONDOLA	-19 KIPS	-21 KIPS	0.08
HELPERS	187.215						60	GONDOLA	-87 KIPS	-69 KIPS	0.08
	187.071						79	GONDOLA	-112 KIPS	-114 KIPS	0.13
	186.927						98	GONDOLA	-157 KIPS	-159 KIPS	0.28
	186.818						99	GMBC	-159 KIPS	-90 KIPS	0.34
	186.908						100	GM10B	-90 KIPS	0 KIPS	0.19
0:15:30	187.735	0	23	RUN	8	561 REL REL	1	SD40	0 KIPS	37 KIPS	0.13
	187.722						2	SD40	37 KIPS	73 KIPS	0.16
	187.710						3	GONDOLA	73 KIPS	71 KIPS	0.12
	187.568						22	GONDOLA	34 KIPS	32 KIPS	0.11
	187.422						41	GONDOLA	19 KIPS	-20 KIPS	0.08
HELPERS	187.278						80	GONDOLA	-87 KIPS	-69 KIPS	0.14
	187.134						79	GONDOLA	-112 KIPS	-114 KIPS	0.13
	186.990						98	GONDOLA	-157 KIPS	-160 KIPS	0.29
	186.883						99	GMBC	-160 KIPS	-90 KIPS	0.34
	186.970						100	GM10B	-90 KIPS	0 KIPS	0.19
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
0:15:40	187.798	0	23	RUN	6	565 REL REL	1	SD40	0 KIPS	37 KIPS	0.13
	187.786						2	SD40	37 KIPS	74 KIPS	0.16
	187.773						3	GONDOLA	74 KIPS	72 KIPS	0.11
	187.628						22	GONDOLA	35 KIPS	33 KIPS	0.11
	187.485						41	GONDOLA	13 KIPS	15 KIPS	0.00
HELPERS	187.342						60	GONDOLA	-53 KIPS	-56 KIPS	0.14
	187.198						79	GONDOLA	-105 KIPS	-108 KIPS	0.12
	187.054						98	GONDOLA	-155 KIPS	-158 KIPS	0.28
	187.046						99	GMBC	-158 KIPS	-89 KIPS	0.34
	187.033						100	GM10B	-89 KIPS	0 KIPS	0.19
0:15:50	187.861	0	23	RUN	6	567 REL REL	1	SD40	0 KIPS	38 KIPS	0.00
	187.849						2	SD40	38 KIPS	75 KIPS	0.11
	187.836						3	GONDOLA	75 KIPS	74 KIPS	0.11
	187.693						22	GONDOLA	38 KIPS	34 KIPS	0.11
	187.549						41	GONDOLA	-16 KIPS	-18 KIPS	0.10
HELPERS	187.405						60	GONDOLA	-52 KIPS	-55 KIPS	0.14
	187.281						79	GONDOLA	-107 KIPS	-110 KIPS	0.12
	187.117						98	GONDOLA	-156 KIPS	-158 KIPS	0.28
	187.109						99	GMBC	-159 KIPS	-90 KIPS	0.34
	187.086						100	GM10B	-90 KIPS	0 KIPS	0.19

STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:16:0	187.924	0	23 RUN 8	563 REL REL	80# 0#	-159:99 .34:99	1	SD40	0 KIPS	37 KIPS	0.00
	187.912				80# 0#		2	SD40	37 KIPS	74 KIPS	0.00
	187.900				80# 0#		3	GONDOLA	74 KIPS	72 KIPS	0.00
	187.786				80# 0#		22	GONDOLA	35 KIPS	33 KIPS	0.11
	187.612				80# 0#		41	GONDOLA	-18 KIPS	-20 KIPS	0.11
	187.488				80# 0#		60	GONDOLA	-53 KIPS	-58 KIPS	0.06
	187.324				80# 0#		79	GONDOLA	-108 KIPS	-110 KIPS	0.20
	187.180				80# 0#		98	GONDOLA	-157 KIPS	-159 KIPS	0.28
HELPERS	187.172			RUN 8 944 REL REL	80# 0#		99	GM6C	-159 KIPS	-90 KIPS	0.34
	187.159				80# 0#		100	GM10B	-90 KIPS	0 KIPS	0.19
-----> TRAIN ENTERING 4.00 DEGREE CURVE											
0:16:10	187.988	0	23 RUN 8	564 REL REL	80# 0#	-158:99 .34:99	1	SD40	0 KIPS	37 KIPS	0.15
	187.975				80# 0#		2	SD40	37 KIPS	74 KIPS	0.06
	187.863				80# 0#		3	GONDOLA	74 KIPS	72 KIPS	0.00
	187.818				80# 0#		22	GONDOLA	41 KIPS	39 KIPS	0.11
	187.675				80# 0#		41	GONDOLA	-10 KIPS	-13 KIPS	0.10
	187.531				80# 0#		60	GONDOLA	-49 KIPS	-51 KIPS	0.15
	187.387				80# 0#		79	GONDOLA	-101 KIPS	-104 KIPS	0.19
	187.243				80# 0#		98	GONDOLA	-155 KIPS	-158 KIPS	0.28
HELPERS	187.236			RUN 8 942 REL REL	80# 0#		99	GM6C	-158 KIPS	-90 KIPS	0.34
	187.223				80# 0#		100	GM10B	-90 KIPS	0 KIPS	0.19
-----> TRAIN ENTERING 0.85 % GRADE											
0:16:20	188.051	0	23 RUN 8	562 REL REL	80# 0#	-158:99 .45:99	1	SD40	0 KIPS	37 KIPS	0.13
	188.038				80# 0#		2	SD40	37 KIPS	73 KIPS	0.15
	188.027				80# 0#		3	GONDOLA	73 KIPS	72 KIPS	0.11
	187.883				80# 0#		22	GONDOLA	40 KIPS	38 KIPS	0.00
	187.739				80# 0#		41	GONDOLA	-14 KIPS	-17 KIPS	0.10
	187.585				80# 0#		60	GONDOLA	-80 KIPS	-82 KIPS	0.17
	187.451				80# 0#		79	GONDOLA	-98 KIPS	-101 KIPS	0.19
	187.307				80# 0#		98	GONDOLA	-155 KIPS	-158 KIPS	0.34
	187.299				80# 0#		99	GM6C	-158 KIPS	-90 KIPS	0.45
HELPERS	187.286			RUN 8 940 REL REL	80# 0#		100	GM10B	-90 KIPS	0 KIPS	0.26
	188.118				80# 0#	-156:99 .45:99	1	SD40	0 KIPS	38 KIPS	0.12
	188.103				80# 0#		2	SD40	35 KIPS	70 KIPS	0.13
	188.090				80# 0#		3	GONDOLA	70 KIPS	68 KIPS	0.10
	187.947				80# 0#		22	GONDOLA	27 KIPS	25 KIPS	0.00
	187.803				80# 0#		41	GONDOLA	-14 KIPS	-16 KIPS	0.10
	187.659				80# 0#		60	GONDOLA	-80 KIPS	-83 KIPS	0.17
	187.515				80# 0#		79	GONDOLA	-107 KIPS	-108 KIPS	0.25
	187.371				80# 0#		98	GONDOLA	-153 KIPS	-156 KIPS	0.34
	187.363				80# 0#		99	GM3C	-156 KIPS	-88 KIPS	0.45
HELPERS	187.350			RUN 8 938 REL REL	80# 0#		100	GM10B	-88 KIPS	0 KIPS	0.26

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 558	REL	REL	REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:16:40	188.179	0	23	RUN	6	558	REL	REL	1	SD40	0 KIPS	35 KIPS	0.12
	188.167								2	SD40	35 KIPS	70 KIPS	0.13
	188.155								3	GONDOLA	70 KIPS	67 KIPS	0.10
	188.011								22	GONDOLA	23 KIPS	21 KIPS	0.03
	187.867								41	GONDOLA	-25 KIPS	-27 KIPS	0.19
	187.723								80	GONDOLA	-67 KIPS	-69 KIPS	0.25
	187.578								79	GONDOLA	-114 KIPS	-117 KIPS	0.34
	187.435								98	GONDOLA	-154 KIPS	-157 KIPS	0.46
	187.428								99	GM6C	-89 KIPS	0 KIPS	0.28
	187.414								100	GM108	0 KIPS	0 KIPS	0.12
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0:16:50	188.244	0	23	RUN	6	553	REL	REL	1	SD40	0 KIPS	35 KIPS	0.15
	188.232								2	SD40	35 KIPS	70 KIPS	0.14
	188.220								3	GONDOLA	70 KIPS	67 KIPS	0.09
	188.076								22	GONDOLA	16 KIPS	14 KIPS	0.04
	187.932								41	GONDOLA	-37 KIPS	-39 KIPS	0.20
	187.788								60	GONDOLA	-74 KIPS	-76 KIPS	0.25
	187.644								79	GONDOLA	-118 KIPS	-121 KIPS	0.37
	187.500								98	GONDOLA	-159 KIPS	-160 KIPS	0.18
	187.492								99	GM6C	-90 KIPS	0 KIPS	0.00
	187.478								100	GM108	0 KIPS	0 KIPS	0.04
0:17:0	188.308	0	23	RUN	6	551	REL	REL	1	SD40	0 KIPS	35 KIPS	0.12
	188.297								2	SD40	35 KIPS	71 KIPS	0.08
	188.285								3	GONDOLA	71 KIPS	68 KIPS	0.10
	188.141								22	GONDOLA	24 KIPS	21 KIPS	0.25
	187.997								41	GONDOLA	-37 KIPS	-39 KIPS	0.31
	187.853								60	GONDOLA	-73 KIPS	-75 KIPS	0.40
	187.709								79	GONDOLA	-118 KIPS	-120 KIPS	0.00
	187.565								98	GONDOLA	-162 KIPS	-163 KIPS	0.00
	187.557								99	GM6C	-92 KIPS	0 KIPS	0.00
	187.544								100	GM108	0 KIPS	0 KIPS	0.00
0:17:10	188.374	0	24	RUN	6	551	REL	REL	1	SD40	0 KIPS	35 KIPS	0.00
	188.362								2	SD40	35 KIPS	71 KIPS	0.00
	188.350								3	GONDOLA	71 KIPS	68 KIPS	0.09
	188.208								22	GONDOLA	24 KIPS	22 KIPS	0.11
	188.062								41	GONDOLA	-34 KIPS	-36 KIPS	0.08
	187.918								60	GONDOLA	-75 KIPS	-77 KIPS	0.24
	187.774								79	GONDOLA	-111 KIPS	-114 KIPS	0.31
	187.630								98	GONDOLA	-158 KIPS	-158 KIPS	0.36
	187.623								99	GM6C	-90 KIPS	0 KIPS	0.20
	187.610								100	GM108	0 KIPS	0 KIPS	0.20

STATION TIME	SPEED LMT RUN	THYTL RUN	AMPS TRN	PRESSURE IND	BRAKES PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
									DRUMBAR FORE	FORCES AFT					
0:17:20	188.440	0	24	RUN 6	548	REL REL	80#	0#	-159:99	.38:99	1	SD40	0 KIPS	35 KIPS	0.00
	188.428						80#	0#			2	SD40	35 KIPS	70 KIPS	0.00
	188.415						80#	0#			3	GONDOLA	70 KIPS	68 KIPS	0.00
	188.271						80#	0#			22	GONDOLA	25 KIPS	22 KIPS	0.10
	188.127						80#	0#			41	GONDOLA	-33 KIPS	-36 KIPS	0.11
HELPERS	187.983						80#	0#			60	GONDOLA	-79 KIPS	-81 KIPS	0.19
	187.839						80#	0#			78	GONDOLA	-114 KIPS	-118 KIPS	0.24
	187.695						80#	0#			98	GONDOLA	-158 KIPS	-159 KIPS	0.30
	187.688						80#	0#			99	GONDOLA	-159 KIPS	-90 KIPS	0.36
	187.675						80#	0#			100	GMHC	-90 KIPS	0 KIPS	0.20
0:17:30	188.505	0	24	RUN 6	550	REL REL	80#	0#	-158:99	.36:99	1	GM10B	0 KIPS	35 KIPS	0.00
	188.493						80#	0#			2	SD40	35 KIPS	70 KIPS	0.00
	188.481						80#	0#			3	GONDOLA	70 KIPS	68 KIPS	0.00
	188.337						80#	0#			22	GONDOLA	27 KIPS	25 KIPS	0.00
	188.193						80#	0#			41	GONDOLA	-26 KIPS	-28 KIPS	0.10
HELPERS	188.049						80#	0#			60	GONDOLA	-76 KIPS	-78 KIPS	0.18
	187.905						80#	0#			78	GONDOLA	-117 KIPS	-118 KIPS	0.13
	187.761						80#	0#			98	GONDOLA	-156 KIPS	-158 KIPS	0.30
	187.753						80#	0#			99	GMHC	-158 KIPS	-90 KIPS	0.35
	187.740						80#	0#			100	GM10B	-90 KIPS	0 KIPS	0.20
-----> TRAIN ENTERING 4.00 DEGREE CURVE															
0:17:40	188.571	0	24	RUN 6	548	REL REL	80#	0#	-159:99	.36:99	1	SD40	0 KIPS	35 KIPS	0.15
	188.559						80#	0#			2	SD40	35 KIPS	70 KIPS	0.15
	188.546						80#	0#			3	GONDOLA	70 KIPS	68 KIPS	0.11
	188.402						80#	0#			22	GONDOLA	26 KIPS	23 KIPS	0.00
	188.258						80#	0#			41	GONDOLA	-28 KIPS	-28 KIPS	0.10
HELPERS	188.114						80#	0#			60	GONDOLA	-76 KIPS	-78 KIPS	0.19
	187.971						80#	0#			78	GONDOLA	-123 KIPS	-125 KIPS	0.14
	187.827						80#	0#			98	GONDOLA	-158 KIPS	-159 KIPS	0.30
	187.818						80#	0#			99	GMHC	-159 KIPS	-90 KIPS	0.38
	187.806						80#	0#			100	GM10B	-90 KIPS	0 KIPS	0.20
0:17:50	188.637	0	24	RUN 6	548	REL REL	80#	0#	-160:99	.34:99	1	SD40	0 KIPS	35 KIPS	0.12
	188.624						80#	0#			2	SD40	35 KIPS	69 KIPS	0.13
	188.612						80#	0#			3	GONDOLA	69 KIPS	66 KIPS	0.10
	188.468						80#	0#			22	GONDOLA	22 KIPS	20 KIPS	0.00
	188.324						80#	0#			41	GONDOLA	-25 KIPS	-28 KIPS	0.03
HELPERS	188.180						80#	0#			60	GONDOLA	-75 KIPS	-78 KIPS	0.24
	188.036						80#	0#			78	GONDOLA	-122 KIPS	-124 KIPS	0.19
	187.892						80#	0#			98	GONDOLA	-158 KIPS	-160 KIPS	0.28
	187.885						80#	0#			99	GMHC	-160 KIPS	-90 KIPS	0.34
	187.872						80#	0#			100	GM10B	-90 KIPS	0 KIPS	0.19
-----> TRAIN ENTERING 0.71 % GRADE															

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES SETTING IND	PRESSURE PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:18:0	188.702	0	24	RUN	8	551	REL REL	1	SD40	0 KIPS	35 KIPS	0.12
	188.890					50#	OH	2	SD40	35 KIPS	71 KIPS	0.13
	188.877					80#	OH	3	GONDOLA	71 KIPS	88 KIPS	0.10
	188.533					80#	OH	22	GONDOLA	24 KIPS	21 KIPS	0.10
	188.390					80#	OH	41	GONDOLA	-23 KIPS	-28 KIPS	0.03
HELPERS	188.246					80#	OH	60	GONDOLA	-88 KIPS	-89 KIPS	0.18
	188.102					80#	OH	79	GONDOLA	-121 KIPS	-121 KIPS	0.23
	187.958					80#	OH	98	GONDOLA	-158 KIPS	-160 KIPS	0.28
	187.950					80#	OH	99	GONDOLA	-160 KIPS	-91 KIPS	0.34
	187.937					80#	OH	100	GM108	0 KIPS	0 KIPS	0.19
0:18:10	188.767	0	23	RUN	8	552	REL REL	1	SD40	0 KIPS	35 KIPS	0.12
	188.755					80#	OH	2	SD40	35 KIPS	71 KIPS	0.13
	188.743					80#	OH	3	GONDOLA	71 KIPS	88 KIPS	0.10
	188.598					80#	OH	22	GONDOLA	24 KIPS	21 KIPS	0.09
	188.456					80#	OH	41	GONDOLA	-24 KIPS	-28 KIPS	0.03
HELPERS	188.311					80#	OH	60	GONDOLA	-88 KIPS	-88 KIPS	0.08
	188.167					80#	OH	79	GONDOLA	-113 KIPS	-116 KIPS	0.23
	188.023					80#	OH	98	GONDOLA	-158 KIPS	-160 KIPS	0.37
	188.015					80#	OH	99	GM108	-160 KIPS	-91 KIPS	0.48
	188.002					80#	OH	100	GM108	0 KIPS	0 KIPS	0.27
0:18:20	188.832	0	23	RUN	8	555	REL REL	1	SD40	0 KIPS	36 KIPS	0.12
	188.820					80#	OH	2	SD40	36 KIPS	71 KIPS	0.13
	188.807					80#	OH	3	GONDOLA	71 KIPS	88 KIPS	0.10
	188.663					80#	OH	22	GONDOLA	30 KIPS	28 KIPS	0.10
	188.520					80#	OH	41	GONDOLA	-22 KIPS	-24 KIPS	0.03
HELPERS	188.378					80#	OH	60	GONDOLA	-83 KIPS	-86 KIPS	0.07
	188.232					80#	OH	79	GONDOLA	-108 KIPS	-110 KIPS	0.23
	188.088					80#	OH	98	GONDOLA	-158 KIPS	-159 KIPS	0.37
	188.080					80#	OH	99	GM108	-158 KIPS	-90 KIPS	0.48
	188.067					80#	OH	100	GM108	0 KIPS	0 KIPS	0.27
0:18:30	188.897	0	23	RUN	8	557	REL REL	1	SD40	0 KIPS	36 KIPS	0.12
	188.884					80#	OH	2	SD40	36 KIPS	72 KIPS	0.13
	188.872					80#	OH	3	GONDOLA	72 KIPS	88 KIPS	0.10
	188.728					80#	OH	22	GONDOLA	30 KIPS	28 KIPS	0.10
	188.684					80#	OH	41	GONDOLA	-21 KIPS	-24 KIPS	0.10
HELPERS	188.440					80#	OH	60	GONDOLA	-86 KIPS	-88 KIPS	0.08
	188.298					80#	OH	79	GONDOLA	-108 KIPS	-111 KIPS	0.12
	188.152					80#	OH	98	GONDOLA	-158 KIPS	-158 KIPS	0.37
	188.145					80#	OH	99	GM108	-158 KIPS	-90 KIPS	0.48
	188.132					80#	OH	100	GM108	0 KIPS	0 KIPS	0.27

STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S TRN INO PIPE CVL	BRAKES SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES		L/V RATIO
							IDENTIFIER	DRAMBAR FORCES FORE AFT	
O: 18:40	188.981	0	23 RUN 6	558 REL REL	80# 0# -157:99 .48:99	1	SD40	0 KIPS	0.12
	188.948				80# 0#	2	SD40	36 KIPS	0.13
	188.936				80# 0#	3	GONDOLA	72 KIPS	0.10
	188.792				80# 0#	22	GONDOLA	69 KIPS	0.10
	188.648				80# 0#	41	GONDOLA	25 KIPS	0.10
	188.504				80# 0#	60	GONDOLA	-24 KIPS	0.08
	188.360				80# 0#	79	GONDOLA	-67 KIPS	0.12
	188.216				80# 0#	98	GONDOLA	-110 KIPS	0.37
	188.209				80# 0#	99	GM6C	-155 KIPS	0.48
	188.196				80# 0#	100	GM10B	-157 KIPS	0.27
-----> TRAIN ENTERING 0.00 DEGREE CURVE									
O: 18:50	189.025	0	23 RUN 6	559 REL REL	80# 0# -159:99 .48:99	1	SD40	0 KIPS	0.12
	189.013				80# 0#	2	SD40	37 KIPS	0.15
	189.000				80# 0#	3	GONDOLA	73 KIPS	0.14
	188.856				80# 0#	22	GONDOLA	71 KIPS	0.10
	188.712				80# 0#	41	GONDOLA	27 KIPS	0.10
	188.568				80# 0#	60	GONDOLA	-19 KIPS	0.17
	188.424				80# 0#	79	GONDOLA	-87 KIPS	0.13
	188.281				80# 0#	98	GONDOLA	-112 KIPS	0.37
	188.273				80# 0#	99	GM6C	-157 KIPS	0.48
	188.260				80# 0#	100	GM10B	-159 KIPS	0.31
-----> TRAIN ENTERING 4.00 DEGREE CURVE									
O: 19: 0	189.088	0	23 RUN 6	559 REL REL	80# 0# -159:99 .34:99	1	SD40	0 KIPS	0.00
	189.077				80# 0#	2	SD40	36 KIPS	0.00
	189.064				80# 0#	3	GONDOLA	73 KIPS	0.00
	188.920				80# 0#	22	GONDOLA	71 KIPS	0.10
	188.776				80# 0#	41	GONDOLA	28 KIPS	0.10
	188.632				80# 0#	60	GONDOLA	-18 KIPS	0.17
	188.488				80# 0#	79	GONDOLA	-85 KIPS	0.13
	188.345				80# 0#	98	GONDOLA	-112 KIPS	0.28
	188.337				80# 0#	99	GM6C	-157 KIPS	0.34
	188.324				80# 0#	100	GM10B	-159 KIPS	0.19
-----> TRAIN ENTERING 0.00 DEGREE CURVE									
O: 19: 10	189.153	0	23 RUN 6	559 REL REL	80# 0# -159:99 .34:99	1	SD40	0 KIPS	0.14
	189.141				80# 0#	2	SD40	36 KIPS	0.12
	189.128				80# 0#	3	GONDOLA	73 KIPS	0.02
	188.984				80# 0#	22	GONDOLA	71 KIPS	0.10
	188.840				80# 0#	41	GONDOLA	33 KIPS	0.10
	188.696				80# 0#	60	GONDOLA	-17 KIPS	0.16
	188.553				80# 0#	79	GONDOLA	-64 KIPS	0.22
	188.409				80# 0#	98	GONDOLA	-114 KIPS	0.28
	188.401				80# 0#	99	GM6C	-159 KIPS	0.34
	188.388				80# 0#	100	GM10B	-159 KIPS	0.19

QCM D-96-E/5/

STATION TIME	SPEED LMT	THITLE RUN	AMP'S REL	SETTING REL	PRESSURE REL	IND PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES		L/V RATIO
											FORE	AFT	
O:19:20	189.217	0	23	RUN 6	558	REL	REL	80# 0#	1	SD40	0 KIPS	36 KIPS	0.11
	189.205							80# 0#	2	SD40	36 KIPS	72 KIPS	0.18
	189.192							80# 0#	3	GONDOLA	72 KIPS	70 KIPS	0.17
	189.048							80# 0#	22	GONDOLA	36 KIPS	33 KIPS	0.00
	189.904							80# 0#	41	GONDOLA	-12 KIPS	-14 KIPS	0.10
	188.761							80# 0#	60	GONDOLA	-58 KIPS	-60 KIPS	0.15
	188.617							80# 0#	79	GONDOLA	-108 KIPS	-111 KIPS	0.22
	188.473							80# 0#	88	GONDOLA	-155 KIPS	-158 KIPS	0.28
	188.465							80# 0#	98	GMSC	-158 KIPS	-89 KIPS	0.34
	188.452							80# 0#	100	GM108	-89 KIPS	0 KIPS	0.19
O:19:30	189.281	0	23	RUN 6	558	REL	REL	80# 0#	1	SD40	0 KIPS	36 KIPS	0.11
	189.269							80# 0#	2	SD40	36 KIPS	71 KIPS	0.15
	189.256							80# 0#	3	GONDOLA	71 KIPS	68 KIPS	0.17
	189.113							80# 0#	22	GONDOLA	30 KIPS	28 KIPS	0.00
	188.969							80# 0#	41	GONDOLA	-12 KIPS	-14 KIPS	0.10
	188.825							80# 0#	60	GONDOLA	-58 KIPS	-60 KIPS	0.15
	188.681							80# 0#	79	GONDOLA	-108 KIPS	-108 KIPS	0.22
	188.537							80# 0#	88	GONDOLA	-155 KIPS	-158 KIPS	0.30
	188.528							80# 0#	98	GMSC	-158 KIPS	-89 KIPS	0.39
	188.516							80# 0#	100	GM108	-89 KIPS	0 KIPS	0.19
O:19:40	189.345	0	23	RUN 6	560	REL	REL	80# 0#	1	SD40	0 KIPS	36 KIPS	0.11
	189.333							80# 0#	2	SD40	36 KIPS	71 KIPS	0.15
	189.321							80# 0#	3	GONDOLA	71 KIPS	68 KIPS	0.17
	189.177							80# 0#	22	GONDOLA	27 KIPS	25 KIPS	0.09
	189.033							80# 0#	41	GONDOLA	-20 KIPS	-22 KIPS	0.10
	188.889							80# 0#	60	GONDOLA	-62 KIPS	-64 KIPS	0.18
	188.745							80# 0#	79	GONDOLA	-107 KIPS	-108 KIPS	0.22
	188.601							80# 0#	88	GONDOLA	-155 KIPS	-158 KIPS	0.37
	188.593							80# 0#	98	GMSC	-158 KIPS	-89 KIPS	0.48
	188.580							80# 0#	100	GM108	-89 KIPS	0 KIPS	0.27
O:19:50	189.408	0	23	RUN 6	560	REL	REL	80# 0#	1	SD40	0 KIPS	36 KIPS	0.11
	189.397							80# 0#	2	SD40	36 KIPS	68 KIPS	0.15
	189.385							80# 0#	3	GONDOLA	68 KIPS	66 KIPS	0.17
	189.241							80# 0#	22	GONDOLA	19 KIPS	17 KIPS	0.09
	189.097							80# 0#	41	GONDOLA	-34 KIPS	-35 KIPS	0.04
	188.953							80# 0#	60	GONDOLA	-70 KIPS	-72 KIPS	0.18
	188.809							80# 0#	79	GONDOLA	-113 KIPS	-115 KIPS	0.23
	188.665							80# 0#	88	GONDOLA	-158 KIPS	-158 KIPS	0.37
	188.657							80# 0#	98	GMSC	-158 KIPS	-89 KIPS	0.48
	188.644							80# 0#	100	GM108	-89 KIPS	0 KIPS	0.27

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN IND PIPE	SETTING CYL	PRESSURE KIPS:CAR	MAXIMUMS (AND LOCATION) L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRABBAR FORCES FORE	DRABBAR FORCES AFT	
0:20:0	189.473	0	23	RUN 6	561	REL REL	80# 0# -159:99 .48:99	1	SD40	0 KIPS	35 KIPS	0.11
	189.461						80# 0#	2	SD40	35 KIPS	70 KIPS	0.15
	189.448						80# 0#	3	GONDOLA	70 KIPS	87 KIPS	0.17
	189.305						80# 0#	22	GONDOLA	14 KIPS	11 KIPS	0.08
	189.161						80# 0#	41	GONDOLA	-35 KIPS	-37 KIPS	0.12
	189.017						80# 0#	60	GONDOLA	-70 KIPS	-73 KIPS	0.18
	188.873						80# 0#	79	GONDOLA	-114 KIPS	-116 KIPS	0.23
	188.729						80# 0#	98	GONDOLA	-157 KIPS	-159 KIPS	0.37
	188.721						80# 0#	99	GMSC	-159 KIPS	-90 KIPS	0.48
	188.708						80# 0#	100	GM10B	-90 KIPS	0 KIPS	0.27
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
0:20:10	189.537	0	23	RUN 6	564	REL REL	80# 0# -161:99 .49:99	1	SD40	0 KIPS	35 KIPS	0.12
	189.524						80# 0#	2	SD40	35 KIPS	70 KIPS	0.15
	189.512						80# 0#	3	GONDOLA	70 KIPS	88 KIPS	0.17
	189.368						80# 0#	22	GONDOLA	15 KIPS	12 KIPS	0.09
	189.224						80# 0#	41	GONDOLA	-45 KIPS	-47 KIPS	0.14
	189.080						80# 0#	80	GONDOLA	-82 KIPS	-84 KIPS	0.09
	188.936						80# 0#	79	GONDOLA	-117 KIPS	-119 KIPS	0.23
	188.792						80# 0#	98	GONDOLA	-158 KIPS	-161 KIPS	0.37
	188.785						80# 0#	99	GMSC	-161 KIPS	-91 KIPS	0.49
	188.772						80# 0#	100	GM10B	-91 KIPS	0 KIPS	0.27
0:20:20	189.600	0	23	RUN 6	566	REL REL	80# 0# -161:99 .49:99	1	SD40	0 KIPS	36 KIPS	0.02
	189.587						80# 0#	2	SD40	36 KIPS	72 KIPS	0.15
	189.575						80# 0#	3	GONDOLA	72 KIPS	70 KIPS	0.13
	189.431						80# 0#	22	GONDOLA	20 KIPS	17 KIPS	0.09
	189.287						80# 0#	41	GONDOLA	-47 KIPS	-49 KIPS	0.14
	189.143						80# 0#	60	GONDOLA	-86 KIPS	-87 KIPS	0.21
	188.999						80# 0#	79	GONDOLA	-119 KIPS	-121 KIPS	0.24
	188.855						80# 0#	98	GONDOLA	-159 KIPS	-161 KIPS	0.37
	188.848						80# 0#	99	GMSC	-161 KIPS	-91 KIPS	0.49
	188.835						80# 0#	100	GM10B	-91 KIPS	0 KIPS	0.27
-----> TRAIN ENTERING 4.00 DEGREE CURVE												
0:20:30	188.662	0	22	RUN 6	573	REL REL	80# 0# -162:99 .49:99	1	SD40	0 KIPS	37 KIPS	0.13
	188.650						80# 0#	2	SD40	37 KIPS	73 KIPS	0.12
	188.637						80# 0#	3	GONDOLA	73 KIPS	71 KIPS	0.02
	189.493						80# 0#	22	GONDOLA	23 KIPS	20 KIPS	0.09
	189.349						80# 0#	41	GONDOLA	-42 KIPS	-45 KIPS	0.14
	189.206						80# 0#	60	GONDOLA	-90 KIPS	-92 KIPS	0.21
	189.062						80# 0#	79	GONDOLA	-125 KIPS	-127 KIPS	0.14
	188.918						80# 0#	98	GONDOLA	-160 KIPS	-162 KIPS	0.37
	188.910						80# 0#	99	GMSC	-162 KIPS	-91 KIPS	0.49
	188.897						80# 0#	100	GM10B	-91 KIPS	0 KIPS	0.27
RUN 6 948 REL REL												

OCM D-96-E/5/

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES	AFT	
0:20:40	189.724	0	22	RUN	8	578	REL	REL	1	SD40	0 KIPS	36 KIPS	0.12
	189.711								2	SD40	36 KIPS	73 KIPS	0.15
	189.699								3	GONDOLA	73 KIPS	70 KIPS	0.15
	189.555								22	GONDOLA	22 KIPS	18 KIPS	0.09
	189.411								41	GONDOLA	-41 KIPS	-44 KIPS	0.14
	189.267								60	GONDOLA	-81 KIPS	-93 KIPS	0.21
	189.123								79	GONDOLA	-128 KIPS	-128 KIPS	0.14
	188.978								98	GONDOLA	-160 KIPS	-162 KIPS	0.38
	188.972								99	GM9C	-162 KIPS	-92 KIPS	0.49
	188.959								100	GM10B	-92 KIPS	0 KIPS	0.27
HELPERS	188.972								1	SD40	0 KIPS	37 KIPS	0.12
	188.959								2	SD40	37 KIPS	75 KIPS	0.13
	188.785								3	GONDOLA	75 KIPS	72 KIPS	0.10
	188.772								22	GONDOLA	22 KIPS	22 KIPS	0.00
	188.760								41	GONDOLA	-32 KIPS	-35 KIPS	0.11
	189.616								60	GONDOLA	-88 KIPS	-81 KIPS	0.20
	189.472								79	GONDOLA	-128 KIPS	-131 KIPS	0.25
	189.328								98	GONDOLA	-162 KIPS	-164 KIPS	0.38
	189.184								99	GM9C	-164 KIPS	-92 KIPS	0.49
	189.040								100	GM10B	-92 KIPS	0 KIPS	0.31
HELPERS	189.033								1	SD40	0 KIPS	38 KIPS	0.12
	189.020								2	SD40	38 KIPS	78 KIPS	0.13
	189.845								3	GONDOLA	78 KIPS	73 KIPS	0.10
	189.832								22	GONDOLA	22 KIPS	20 KIPS	0.09
	189.820								41	GONDOLA	-31 KIPS	-34 KIPS	0.11
	189.678								60	GONDOLA	-85 KIPS	-88 KIPS	0.20
	189.532								79	GONDOLA	-130 KIPS	-132 KIPS	0.25
	189.388								98	GONDOLA	-164 KIPS	-165 KIPS	0.29
	189.244								99	GM9C	-165 KIPS	-93 KIPS	0.35
	189.100								100	GM10B	-93 KIPS	0 KIPS	0.19
HELPERS	189.083								1	SD40	0 KIPS	39 KIPS	0.12
	189.080								2	SD40	39 KIPS	78 KIPS	0.14
	189.904								3	GONDOLA	78 KIPS	76 KIPS	0.10
	189.891								22	GONDOLA	27 KIPS	24 KIPS	0.10
	189.878								41	GONDOLA	-26 KIPS	-29 KIPS	0.03
	189.735								60	GONDOLA	-79 KIPS	-82 KIPS	0.19
	189.591								79	GONDOLA	-129 KIPS	-131 KIPS	0.25
	189.447								98	GONDOLA	-164 KIPS	-166 KIPS	0.35
	189.303								99	GM9C	-166 KIPS	-93 KIPS	0.38
	189.152								100	GM10B	-93 KIPS	0 KIPS	0.26

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE KIPS	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
											DRUMBAR FORCES FORE	DRUMBAR FORCES AFT			
0:21:20	189.981	0	20 RUN 6	819	REL	REL	80#	0#	-168:99	.35:99	1	SD40	0 KIPS	41 KIPS	0.12
	189.949						80#	0#			2	SD40	41 KIPS	82 KIPS	0.15
	189.938						80#	0#			3	GONDOLA	82 KIPS	79 KIPS	0.13
	189.793						80#	0#			22	GONDOLA	30 KIPS	27 KIPS	0.10
	189.649						80#	0#			41	GONDOLA	-24 KIPS	-27 KIPS	0.09
	189.505						80#	0#			60	GONDOLA	-71 KIPS	-74 KIPS	0.18
	189.361						80#	0#			79	GONDOLA	-124 KIPS	-128 KIPS	0.24
	189.217						80#	0#			98	GONDOLA	-164 KIPS	-168 KIPS	0.31
HELPERS	189.209						80#	0#			99	GMBC	-168 KIPS	-93 KIPS	0.35
	189.198						80#	0#			100	GM10B	-93 KIPS	0 KIPS	0.21
-----> TRAIN ENTERING 4.00 DEGREE CURVE															
0:21:30	190.017	0	20 RUN 6	830	REL	REL	80#	0#	-168:99	.35:99	1	SD40	0 KIPS	42 KIPS	0.15
	190.005						80#	0#			2	SD40	42 KIPS	84 KIPS	0.07
	189.993						80#	0#			3	GONDOLA	84 KIPS	81 KIPS	0.04
	189.849						80#	0#			22	GONDOLA	35 KIPS	32 KIPS	0.10
	189.705						80#	0#			41	GONDOLA	-24 KIPS	-27 KIPS	0.10
	189.581						80#	0#			60	GONDOLA	-89 KIPS	-71 KIPS	0.18
	189.417						80#	0#			79	GONDOLA	-119 KIPS	-122 KIPS	0.24
	189.273						80#	0#			98	GONDOLA	-168 KIPS	-168 KIPS	0.31
HELPERS	189.265						80#	0#			99	GMBC	-168 KIPS	-94 KIPS	0.35
	189.252						80#	0#			100	GM10B	-94 KIPS	0 KIPS	0.21
0:21:40	190.072	0	19 RUN 6	851	REL	REL	80#	0#	-167:99	.35:99	1	SD40	0 KIPS	44 KIPS	0.13
	190.060						80#	0#			2	SD40	44 KIPS	87 KIPS	0.15
	190.047						80#	0#			3	GONDOLA	87 KIPS	85 KIPS	0.14
	189.903						80#	0#			22	GONDOLA	44 KIPS	42 KIPS	0.10
	189.759						80#	0#			41	GONDOLA	-18 KIPS	-19 KIPS	0.10
	189.615						80#	0#			60	GONDOLA	-63 KIPS	-66 KIPS	0.07
	189.472						80#	0#			79	GONDOLA	-113 KIPS	-116 KIPS	0.23
	189.328						80#	0#			98	GONDOLA	-185 KIPS	-167 KIPS	0.31
HELPERS	189.320						80#	0#			99	GMBC	-187 KIPS	-93 KIPS	0.35
	189.307						80#	0#			100	GM10B	-93 KIPS	0 KIPS	0.21
0:21:50	190.125	0	19 RUN 6	873	REL	REL	80#	0#	-167:99	.35:99	1	SD40	0 KIPS	45 KIPS	0.12
	190.113						80#	0#			2	SD40	45 KIPS	90 KIPS	0.14
	190.100						80#	0#			3	GONDOLA	90 KIPS	87 KIPS	0.10
	189.956						80#	0#			22	GONDOLA	47 KIPS	44 KIPS	0.10
	189.812						80#	0#			41	GONDOLA	-19 KIPS	-19 KIPS	0.10
	189.668						80#	0#			60	GONDOLA	-68 KIPS	-70 KIPS	0.16
	189.525						80#	0#			79	GONDOLA	-112 KIPS	-115 KIPS	0.23
	189.381						80#	0#			98	GONDOLA	-184 KIPS	-167 KIPS	0.31
HELPERS	189.373						80#	0#			99	GMBC	-167 KIPS	-93 KIPS	0.35
	189.360						80#	0#			100	GM10B	-93 KIPS	0 KIPS	0.22
-----> TRAIN ENTERING 0.00 DEGREE CURVE															

STATION TIME	MP	SPEED LMT RUN	THTLT AMPS	BRAKES TRN IND PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
								DRABBAR FORCES FORE	AFT			
0:22:0	190.177	0	18 RUN 8	681 REL REL	80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH	-168.99	.35:99	1	SD40	0 KIPS	48 KIPS	0.12
	190.164							2	SD40	46 KIPS	92 KIPS	0.15
	190.152							3	GONDOLA	92 KIPS	90 KIPS	0.14
	190.008							22	GONDOLA	38 KIPS	36 KIPS	0.10
	189.884							41	GONDOLA	-21 KIPS	-24 KIPS	0.10
	189.720							70	GONDOLA	-71 KIPS	-74 KIPS	0.17
	189.578							69	GONDOLA	-116 KIPS	-118 KIPS	0.22
	189.432							98	GONDOLA	-165 KIPS	-168 KIPS	0.31
	189.426							99	GM8C	-188 KIPS	-93 KIPS	0.35
	189.412							100	GM10B	-93 KIPS	0 KIPS	0.22
0:22:10	190.227	0	18 RUN 8	700 REL REL	80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH	-187.99	.35:99	1	SD40	0 KIPS	48 KIPS	0.00
	190.215							2	SD40	48 KIPS	96 KIPS	0.00
	190.203							3	GONDOLA	98 KIPS	94 KIPS	0.00
	190.059							22	GONDOLA	49 KIPS	47 KIPS	0.10
	189.915							41	GONDOLA	-53 KIPS	-53 KIPS	0.10
	189.771							70	GONDOLA	-65 KIPS	-67 KIPS	0.15
	189.627							79	GONDOLA	-114 KIPS	-118 KIPS	0.13
	189.483							98	GONDOLA	-164 KIPS	-167 KIPS	0.31
	189.475							99	GM8C	-187 KIPS	-93 KIPS	0.35
	189.462							100	GM10B	-93 KIPS	0 KIPS	0.22
0:22:20	190.277	0	18 RUN 8	713 REL REL	80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH	-188.99	.35:99	1	SD40	0 KIPS	48 KIPS	0.00
	190.264							2	SD40	49 KIPS	97 KIPS	0.00
	190.252							3	GONDOLA	97 KIPS	95 KIPS	0.00
	190.108							22	GONDOLA	49 KIPS	46 KIPS	0.10
	189.984							41	GONDOLA	-14 KIPS	-15 KIPS	0.10
	189.820							60	GONDOLA	-64 KIPS	-67 KIPS	0.15
	189.678							79	GONDOLA	-118 KIPS	-121 KIPS	0.23
	189.532							98	GONDOLA	-185 KIPS	-188 KIPS	0.31
	189.525							99	GM8C	-188 KIPS	-93 KIPS	0.35
	189.512							100	GM10B	-93 KIPS	0 KIPS	0.22
PS L. JEAN.	190.300	0	18 RUN 8	718 REL REL	80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH 80W OH	-170.99	.35:99	1	SD40	0 KIPS	49 KIPS	0.00
	190.288							2	SD40	49 KIPS	98 KIPS	0.00
	190.275							3	GONDOLA	98 KIPS	95 KIPS	0.00
	190.131							22	GONDOLA	46 KIPS	43 KIPS	0.10
	189.987							41	GONDOLA	-13 KIPS	-15 KIPS	0.02
	189.844							60	GONDOLA	-84 KIPS	-87 KIPS	0.15
	189.700							79	GONDOLA	-118 KIPS	-121 KIPS	0.23
	189.556							98	GONDOLA	-187 KIPS	-170 KIPS	0.30
	189.548							99	GM8C	-170 KIPS	-93 KIPS	0.36
	189.535							100	GM10B	-93 KIPS	0 KIPS	0.21

STATION TIME	SPEED LMT RUN	THRTLE RUN	AMPS TRN	SETTING IND	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO			
					PIPE	CYL				DRUMBAR FORCES FORE	AFT				
0:22:30	190.325	0	17	RUN	6	721	REL REL	80# 0#	-170:99	38:99	1	SD40	0 KIPS	54 KIPS	0.00
	190.313							80# 0#			2	SD40	54 KIPS	108 KIPS	0.00
	190.301							80# 0#			3	GONDOLA	108 KIPS	105 KIPS	0.00
	190.157							80# 0#			22	GONDOLA	58 KIPS	55 KIPS	0.10
	190.013							80# 0#			41	GONDOLA	-54 KIPS	-54 KIPS	0.09
	189.869							80# 0#			60	GONDOLA	-62 KIPS	-65 KIPS	0.15
	189.725							80# 0#			79	GONDOLA	-117 KIPS	-120 KIPS	0.22
	189.581							80# 0#			98	GONDOLA	-167 KIPS	-170 KIPS	0.30
HELPERS	189.573			RUN	6	1023	REL REL	80# 0#			99	GM6C	-170 KIPS	-94 KIPS	0.36
	189.560							80# 0#			100	GM10B	-94 KIPS	0 KIPS	0.20
0:22:40	190.373	0	17	RUN	6	730	REL REL	80# 0#	-169:99	38:99	1	SD40	0 KIPS	54 KIPS	0.00
	190.361							80# 0#			2	SD40	54 KIPS	109 KIPS	0.00
	190.349							80# 0#			3	GONDOLA	109 KIPS	109 KIPS	0.00
	190.205							80# 0#			22	GONDOLA	72 KIPS	89 KIPS	0.00
	190.061							80# 0#			41	GONDOLA	16 KIPS	17 KIPS	0.10
	189.917							80# 0#			60	GONDOLA	-52 KIPS	-55 KIPS	0.13
	189.773							80# 0#			79	GONDOLA	-110 KIPS	-113 KIPS	0.22
	189.629							80# 0#			98	GONDOLA	-168 KIPS	-169 KIPS	0.30
HELPERS	189.622			RUN	6	1024	REL REL	80# 0#			99	GM6C	-169 KIPS	-93 KIPS	0.36
	189.608							80# 0#			100	GM10B	-93 KIPS	0 KIPS	0.19
0:22:50	190.421	0	17	RUN	6	730	REL REL	80# 0#	-169:99	50:99	1	SD40	0 KIPS	54 KIPS	0.00
	190.409							80# 0#			2	SD40	54 KIPS	109 KIPS	0.00
	190.397							80# 0#			3	GONDOLA	109 KIPS	108 KIPS	0.00
	190.253							80# 0#			22	GONDOLA	83 KIPS	80 KIPS	0.00
	190.109							80# 0#			41	GONDOLA	24 KIPS	20 KIPS	0.10
	189.965							80# 0#			60	GONDOLA	-42 KIPS	-45 KIPS	0.12
	189.821							80# 0#			79	GONDOLA	-104 KIPS	-107 KIPS	0.21
	189.677							80# 0#			98	GONDOLA	-168 KIPS	-159 KIPS	0.38
HELPERS	189.669			RUN	6	1025	REL REL	80# 0#			99	GM6C	-169 KIPS	-93 KIPS	0.50
	189.658							80# 0#			100	GM10B	-93 KIPS	0 KIPS	0.28
0:23:0	190.469	0	17	RUN	6	725	REL REL	80# 0#	-168:99	50:99	1	SD40	0 KIPS	54 KIPS	0.00
	190.457							80# 0#			2	SD40	54 KIPS	108 KIPS	0.00
	190.445							80# 0#			3	GONDOLA	108 KIPS	107 KIPS	0.00
	190.301							80# 0#			22	GONDOLA	98 KIPS	94 KIPS	0.00
	190.157							80# 0#			41	GONDOLA	39 KIPS	38 KIPS	0.10
	190.013							80# 0#			60	GONDOLA	-38 KIPS	-41 KIPS	0.10
	189.869							80# 0#			79	GONDOLA	-100 KIPS	-103 KIPS	0.21
	189.725							80# 0#			98	GONDOLA	-164 KIPS	-168 KIPS	0.39
HELPERS	189.717			RUN	6	1023	REL REL	80# 0#			99	GM6C	-168 KIPS	-93 KIPS	0.50
	189.704							80# 0#			100	GM10B	-93 KIPS	0 KIPS	0.27

STATION TIME	MP	SPEED LMT RUN	THRTLE AMPS	BRAKES TRN IND PIPE CYL	SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES		L/V RATIO
								IDENTIFIER	DRAMBAR FORCES FORE AFT	
0:23:10	190.518	0	18	RUN 8	714	REL REL	1	SD40	53 KIPS	0.00
	190.505						2	SD40	107 KIPS	0.00
	190.493						3	GONDOLA	108 KIPS	0.00
	190.349						22	GONDOLA	99 KIPS	0.00
	190.205						41	GONDOLA	42 KIPS	0.00
HELPERS	190.061						60	GONDOLA	-30 KIPS	0.10
	189.917						79	GONDOLA	-28 KIPS	0.20
	189.773						98	GONDOLA	-95 KIPS	0.38
	189.766						99	GONDOLA	-185 KIPS	0.49
	189.753						100	GM8C	-90 KIPS	0.28
0:23:20	190.567	0	18	RUN 6	897	REL REL	1	SD40	52 KIPS	0.00
	190.555						2	SD40	104 KIPS	0.00
	190.543						3	GONDOLA	103 KIPS	0.00
	190.399						22	GONDOLA	90 KIPS	0.00
	190.255						41	GONDOLA	55 KIPS	0.00
HELPERS	190.111						60	GONDOLA	-28 KIPS	0.10
	189.967						79	GONDOLA	-92 KIPS	0.20
	189.823						98	GONDOLA	-182 KIPS	0.38
	189.818						99	GM8C	-188 KIPS	0.50
	189.803						100	GM10B	-92 KIPS	0.27
0:23:30	190.619	0	19	RUN 6	878	REL REL	1	SD40	50 KIPS	0.00
	190.606						2	SD40	100 KIPS	0.00
	190.594						3	GONDOLA	100 KIPS	0.00
	190.450						22	GONDOLA	88 KIPS	0.00
	190.308						41	GONDOLA	62 KIPS	0.00
HELPERS	190.182						60	GONDOLA	-12 KIPS	0.10
	190.018						79	GONDOLA	-86 KIPS	0.20
	189.874						98	GONDOLA	-180 KIPS	0.38
	189.867						99	GM8C	-184 KIPS	0.49
	189.854						100	GM10B	-91 KIPS	0.27
0:23:38	190.850	0	19	RUN 6	883	REL REL	1	SD40	48 KIPS	0.00
	190.838						2	SD40	98 KIPS	0.00
	190.625						3	GONDOLA	95 KIPS	0.00
	190.481						22	GONDOLA	77 KIPS	0.00
	190.337						41	GONDOLA	58 KIPS	0.00
HELPERS	190.184						60	GONDOLA	-11 KIPS	0.02
	190.050						79	GONDOLA	-85 KIPS	0.20
	189.905						98	GONDOLA	-158 KIPS	0.37
	189.898						99	GM8C	-182 KIPS	0.49
	189.885						100	GM10B	-90 KIPS	0.28

-----> RUN 3

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRANBAR FORCES FORE	DRANBAR FORCES AFT	
0:23:37	190.655	0	19	3	625	REL	REL	80# 0#	1	SD40	0 KIPS	46 KIPS	0.00
	190.643							80# 0#	2	SD40	46 KIPS	92 KIPS	0.00
	190.631							80# 0#	3	GONDOLA	92 KIPS	91 KIPS	0.00
	190.487							80# 0#	22	GONDOLA	71 KIPS	70 KIPS	0.00
	190.343							80# 0#	41	GONDOLA	50 KIPS	49 KIPS	0.00
	190.199							80# 0#	60	GONDOLA	-11 KIPS	-14 KIPS	0.01
	190.055							80# 0#	79	GONDOLA	-83 KIPS	-87 KIPS	0.19
	189.911							80# 0#	98	GONDOLA	-155 KIPS	-159 KIPS	0.37
HELPERS	189.903		RUN	3	956	REL	REL	80# 0#	99	GM8C	-159 KIPS	-89 KIPS	0.48
	189.890							80# 0#	100	GM10B	-89 KIPS	0 KIPS	0.28
0:23:38	190.661	0	19	3	481	REL	REL	80# 0#	1	SD40	0 KIPS	43 KIPS	0.00
	190.648							80# 0#	2	SD40	43 KIPS	88 KIPS	0.00
	190.636							80# 0#	3	GONDOLA	88 KIPS	87 KIPS	0.00
	190.492							80# 0#	22	GONDOLA	69 KIPS	68 KIPS	0.00
	190.348							80# 0#	41	GONDOLA	48 KIPS	47 KIPS	0.00
	190.204							80# 0#	60	GONDOLA	-7 KIPS	-10 KIPS	0.01
	190.060							80# 0#	79	GONDOLA	-79 KIPS	-83 KIPS	0.18
HELPERS	189.916		RUN	3	764	REL	REL	80# 0#	98	GONDOLA	-150 KIPS	-154 KIPS	0.35
	189.909							80# 0#	99	GM8C	-154 KIPS	-85 KIPS	0.45
	189.896							80# 0#	100	GM10B	-85 KIPS	0 KIPS	0.24
0:23:40	190.671	0	19	3	306	REL	REL	80# 0#	1	SD40	0 KIPS	34 KIPS	0.00
	190.659							80# 0#	2	SD40	34 KIPS	78 KIPS	0.00
	190.647							80# 0#	3	GONDOLA	78 KIPS	78 KIPS	0.00
	190.503							80# 0#	22	GONDOLA	60 KIPS	59 KIPS	0.00
	190.359							80# 0#	41	GONDOLA	41 KIPS	40 KIPS	0.00
	190.215							80# 0#	60	GONDOLA	38 KIPS	-7 KIPS	0.00
	190.071							80# 0#	79	GONDOLA	-71 KIPS	-75 KIPS	0.14
HELPERS	189.927		RUN	3	529	REL	REL	80# 0#	98	GONDOLA	-136 KIPS	-140 KIPS	0.26
	189.919							80# 0#	99	GM8C	-140 KIPS	-77 KIPS	0.32
	189.908							80# 0#	100	GM10B	-77 KIPS	0 KIPS	0.18
0:23:50	190.724	0	19	3	311	REL	REL	80# 0#	1	SD40	0 KIPS	21 KIPS	0.00
	190.712							80# 0#	2	SD40	21 KIPS	41 KIPS	0.00
	190.699							80# 0#	3	GONDOLA	41 KIPS	41 KIPS	0.00
	190.555							80# 0#	22	GONDOLA	49 KIPS	50 KIPS	0.00
	190.412							80# 0#	41	GONDOLA	58 KIPS	58 KIPS	0.00
	190.268							80# 0#	60	GONDOLA	50 KIPS	47 KIPS	0.00
	190.124							80# 0#	79	GONDOLA	-36 KIPS	-38 KIPS	0.11
HELPERS	189.980		RUN	3	530	REL	REL	80# 0#	98	GONDOLA	-74 KIPS	-77 KIPS	0.23
	189.972							80# 0#	99	GM8C	-77 KIPS	-41 KIPS	0.29
	189.959							80# 0#	100	GM10B	-41 KIPS	0 KIPS	0.18

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS SETTLING	PRESSURE CYL	BRAKES IND PIPE	REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES		L/V RATIO
											FORE	AFT	
0:24: 0	190.778	0	19	RUN 3	313	REL	REL	-77:99 .28:99	1	SD40	0 KIPS	20 KIPS	0.00
	190.764								2	SD40	20 KIPS	41 KIPS	0.00
	190.751								3	GONDOLA	41 KIPS	41 KIPS	0.00
	190.607								22	GONDOLA	47 KIPS	48 KIPS	0.00
	190.483								41	GONDOLA	54 KIPS	54 KIPS	0.00
	190.320								60	GONDOLA	48 KIPS	48 KIPS	0.00
	190.178								79	GONDOLA	-34 KIPS	-30 KIPS	0.10
	190.032								88	GONDOLA	-74 KIPS	-77 KIPS	0.23
	190.024								99	GMSC	-77 KIPS	-41 KIPS	0.28
	190.011								100	GM108	-41 KIPS	0 KIPS	0.15
HELPERS	190.800								1	SD40	20 KIPS	20 KIPS	0.00
	190.788								2	SD40	40 KIPS	40 KIPS	0.00
	190.775								3	GONDOLA	39 KIPS	39 KIPS	0.00
	190.631								22	GONDOLA	38 KIPS	38 KIPS	0.00
	190.487								41	GONDOLA	33 KIPS	33 KIPS	0.00
	190.344								60	GONDOLA	30 KIPS	30 KIPS	0.00
	190.200								79	GONDOLA	-25 KIPS	-27 KIPS	0.03
	190.058								88	GONDOLA	-73 KIPS	-76 KIPS	0.23
	190.048								99	GMSC	-76 KIPS	-41 KIPS	0.28
	190.035								100	GM108	-41 KIPS	0 KIPS	0.18
-----> 12 POUND REDUCTION													
-----> RUN 1													
-----> CONTINUE UNTIL SPEED REACHES 5 M.P.H.													
0:24: 8	190.805	0	19	RUN 1	275	12#	REL	-71:99 .26:99	1	SD40	0 KIPS	19 KIPS	0.00
	190.793								2	SD40	19 KIPS	38 KIPS	0.00
	190.781								3	GONDOLA	38 KIPS	38 KIPS	0.00
	190.637								22	GONDOLA	35 KIPS	35 KIPS	0.00
	190.493								41	GONDOLA	34 KIPS	33 KIPS	0.00
	190.349								60	GONDOLA	32 KIPS	32 KIPS	0.00
	190.205								79	GONDOLA	-9 KIPS	-12 KIPS	0.01
	190.061								88	GONDOLA	-68 KIPS	-71 KIPS	0.21
	190.053								99	GMSC	-71 KIPS	-37 KIPS	0.26
	190.040								100	GM108	-37 KIPS	0 KIPS	0.13
HELPERS	190.810								1	SD40	0 KIPS	18 KIPS	0.00
	190.788								2	SD40	18 KIPS	34 KIPS	0.00
	190.766								3	GONDOLA	34 KIPS	34 KIPS	0.00
	190.642								22	GONDOLA	32 KIPS	32 KIPS	0.00
	190.498								41	GONDOLA	31 KIPS	31 KIPS	0.00
	190.354								60	GONDOLA	32 KIPS	32 KIPS	0.00
	190.210								79	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.068								88	GONDOLA	-43 KIPS	-45 KIPS	0.14
	190.058								99	GMSC	-45 KIPS	-25 KIPS	0.20
	190.045								100	GM108	-25 KIPS	0 KIPS	0.12
-----> RUN 1													
-----> CONTINUE UNTIL SPEED REACHES 5 M.P.H.													
0:24: 7	190.810	0	19	RUN 1	188	12#	REL	-45:99 .20:99	1	SD40	0 KIPS	18 KIPS	0.00
	190.788								2	SD40	18 KIPS	34 KIPS	0.00
	190.766								3	GONDOLA	34 KIPS	34 KIPS	0.00
	190.642								22	GONDOLA	32 KIPS	32 KIPS	0.00
	190.498								41	GONDOLA	31 KIPS	31 KIPS	0.00
	190.354								60	GONDOLA	32 KIPS	32 KIPS	0.00
	190.210								79	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.068								88	GONDOLA	-43 KIPS	-45 KIPS	0.14
	190.058								99	GMSC	-45 KIPS	-25 KIPS	0.20
	190.045								100	GM108	-25 KIPS	0 KIPS	0.12

STATION TIME	MP	SPEED LMT RUN	THLTL AMP	SETTING TRN IND	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER	FOR SPECIFIED VEHICLES DRAHBAR FORCES		L/V RATIO		
					PIPE	CYL				FORE	AFT			
O:24: 8	190.815	0	18	RUN	1	78#	8#	57:82	14:99	1	SD40	0 KIPS	8 KIPS	0.00
	190.803					77#	5#			2	SD40	8 KIPS	19 KIPS	0.00
	190.781					79#	2#			3	GONDOLA	19 KIPS	22 KIPS	0.00
	190.847					80#	0#			22	GONDOLA	22 KIPS	26 KIPS	0.00
	190.503					80#	0#			41	GONDOLA	26 KIPS	31 KIPS	0.00
HELPERS	190.359					80#	0#			60	GONDOLA	31 KIPS	46 KIPS	0.00
	190.215					80#	0#			78	GONDOLA	41 KIPS	-43 KIPS	0.00
	190.071					78#	4#			98	GONDOLA	-43 KIPS	-22 KIPS	0.12
	190.084					76#	8#			99	GMBC	0 KIPS	2 KIPS	0.00
	190.051					78#	8#			100	GM10B	2 KIPS	6 KIPS	0.00
O:24: 9	190.821	0	18	RUN	1	74#	11#	89:85	14:99	1	SD40	0 KIPS	8 KIPS	0.00
	190.808					75#	9#			2	SD40	8 KIPS	15 KIPS	0.00
	190.796					78#	4#			3	GONDOLA	14 KIPS	23 KIPS	0.00
	190.852					79#	1#			22	GONDOLA	22 KIPS	32 KIPS	0.00
	190.508					80#	1#			41	GONDOLA	32 KIPS	42 KIPS	0.00
HELPERS	190.364					79#	1#			60	GONDOLA	-17 KIPS	-18 KIPS	0.11
	190.220					79#	2#			78	GONDOLA	-18 KIPS	-11 KIPS	0.14
	190.076					77#	5#			98	GMBC	0 KIPS	0 KIPS	0.00
	190.089					74#	11#			99	GM10B	0 KIPS	0 KIPS	0.00
	190.058					74#	11#			100	GM10B	0 KIPS	0 KIPS	0.00
O:24: 10	190.828	0	18	RUN	1	72#	14#	82:88	13:99	1	SD40	0 KIPS	8 KIPS	0.00
	190.813					73#	12#			2	SD40	8 KIPS	12 KIPS	0.00
	190.801					77#	6#			3	GONDOLA	12 KIPS	24 KIPS	0.00
	190.857					78#	4#			22	GONDOLA	23 KIPS	35 KIPS	0.00
	190.513					78#	3#			41	GONDOLA	35 KIPS	30 KIPS	0.00
HELPERS	190.369					78#	3#			60	GONDOLA	-16 KIPS	-11 KIPS	0.13
	190.225					78#	4#			78	GONDOLA	-17 KIPS	-11 KIPS	0.13
	190.081					76#	7#			98	GMBC	0 KIPS	0 KIPS	0.00
	190.074					72#	14#			99	GM10B	0 KIPS	0 KIPS	0.00
	190.061					72#	14#			100	GM10B	0 KIPS	0 KIPS	0.00
O:24: 10	190.828	0	18	RUN	1	72#	15#	84:89	13:99	1	SD40	0 KIPS	8 KIPS	0.00
	190.815					73#	13#			2	SD40	8 KIPS	13 KIPS	0.00
	190.803					77#	6#			3	GONDOLA	12 KIPS	25 KIPS	0.00
	190.858					78#	4#			22	GONDOLA	24 KIPS	37 KIPS	0.00
	190.515					78#	4#			41	GONDOLA	37 KIPS	18 KIPS	0.00
HELPERS	190.371					78#	4#			60	GONDOLA	-12 KIPS	-14 KIPS	0.10
	190.227					77#	4#			78	GONDOLA	-14 KIPS	-9 KIPS	0.13
	190.083					76#	8#			98	GMBC	0 KIPS	0 KIPS	0.00
	190.076					72#	15#			99	GM10B	-9 KIPS	0 KIPS	0.12
	190.063					72#	15#			100	GM10B	0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT	THLE RUN	AMPS 1	SETTING 12#	PRESSURE REL	BRAKES TRN INO PIPE CVL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABBAR FORCES	AFT	
O:24:11	190.833	0	18	RUN	1	105	12# REL	71# 18#	1	SD40	0 KIPS	0 KIPS	0.00
	190.820							72# 18#	2	SD40	0 KIPS	-5 KIPS	0.00
	190.808							78# 8#	3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.864							77# 6#	22	GONDOLA	12 KIPS	13 KIPS	0.00
	190.820							77# 5#	41	GONDOLA	27 KIPS	27 KIPS	0.00
HELPERS	190.378							77# 6#	60	GONDOLA	40 KIPS	41 KIPS	0.00
	190.332							77# 6#	78	GONDOLA	28 KIPS	28 KIPS	0.00
	190.088							75# 9#	98	GONDOLA	-11 KIPS	-12 KIPS	0.10
	190.081							71# 18#	99	GMSC	-8 KIPS	-8 KIPS	0.13
	190.068							71# 18#	100	GM108	0 KIPS	0 KIPS	0.12
O:24:12	190.828	0	18	RUN	1	108	12# REL	70# 20#	1	SD40	0 KIPS	-24 KIPS	0.00
	190.825							71# 18#	2	SD40	-24 KIPS	-22 KIPS	0.00
	190.813							75# 9#	3	GONDOLA	-22 KIPS	-28 KIPS	0.00
	190.809							76# 7#	22	GONDOLA	11 KIPS	12 KIPS	0.00
	190.825							76# 7#	41	GONDOLA	27 KIPS	28 KIPS	0.00
HELPERS	190.381							76# 7#	80	GONDOLA	48 KIPS	48 KIPS	0.00
	190.237							76# 8#	78	GONDOLA	39 KIPS	37 KIPS	0.00
	190.093							74# 11#	98	GONDOLA	-5 KIPS	-7 KIPS	0.10
	190.088							70# 20#	99	GMSC	-7 KIPS	-5 KIPS	0.12
	190.073							70# 20#	100	GM108	-5 KIPS	0 KIPS	0.12
O:24:13	190.843	0	18	RUN	1	108	12# REL	69# 22#	1	SD40	0 KIPS	-10 KIPS	0.00
	190.830							70# 21#	2	SD40	-10 KIPS	-20 KIPS	0.01
	190.818							74# 11#	3	GONDOLA	-20 KIPS	-28 KIPS	0.01
	190.874							75# 9#	22	GONDOLA	12 KIPS	13 KIPS	0.00
	190.830							75# 8#	41	GONDOLA	28 KIPS	28 KIPS	0.00
HELPERS	190.388							75# 9#	80	GONDOLA	48 KIPS	47 KIPS	0.00
	190.242							75# 9#	79	GONDOLA	39 KIPS	37 KIPS	0.00
	190.098							73# 12#	98	GONDOLA	107 KIPS	-7 KIPS	0.08
	190.081							69# 22#	99	GMSC	-7 KIPS	-5 KIPS	0.12
	190.078							69# 22#	100	GM108	-5 KIPS	0 KIPS	0.12
O:24:14	190.848	0	18	RUN	1	106	12# REL	69# 22#	1	SD40	0 KIPS	-9 KIPS	0.01
	190.835							69# 23#	2	SD40	-9 KIPS	-18 KIPS	0.02
	190.823							73# 12#	3	GONDOLA	-18 KIPS	-23 KIPS	0.02
	190.878							74# 10#	22	GONDOLA	13 KIPS	14 KIPS	0.00
	190.535							74# 10#	41	GONDOLA	29 KIPS	30 KIPS	0.00
HELPERS	190.391							74# 10#	60	GONDOLA	48 KIPS	47 KIPS	0.00
	190.247							74# 11#	78	GONDOLA	42 KIPS	40 KIPS	0.00
	190.103							72# 14#	98	GONDOLA	111 KIPS	81 KIPS	0.08
	190.098							69# 25#	99	GMSC	81 KIPS	98 KIPS	0.12
	190.083							69# 25#	100	GM108	98 KIPS	0 KIPS	0.12

STATION TIME	MP	SPEED LIMIT	THYLE RUN	AMPS	SETTING TRN	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											FORWARD FORCES	AFT	
0:24:15	190.853	0	18	RUN	1	107	12# REL	68# 27#	1	SD40	0 KIPS	-7 KIPS	0.01
	190.840							68# 25#	2	SD40	-7 KIPS	-15 KIPS	0.02
	190.828							72# 14#	3	GONDOLA	-15 KIPS	-19 KIPS	0.02
	190.884							73# 12#	22	GONDOLA	11 KIPS	12 KIPS	0.00
	190.540							74# 11#	41	GONDOLA	28 KIPS	28 KIPS	0.00
HELPERS	190.398							74# 11#	60	GONDOLA	46 KIPS	47 KIPS	0.00
	190.252							73# 12#	79	GONDOLA	43 KIPS	41 KIPS	0.00
	190.108							72# 15#	98	GONDOLA	32 KIPS	38 KIPS	0.09
	190.101							68# 27#	99	GMBC	43 KIPS	43 KIPS	0.12
	190.088							68# 27#	100	GM108	0 KIPS	0 KIPS	0.12
0:24:18	190.857	0	17	RUN	1	107	12# REL	68# 28#	1	SD40	0 KIPS	-7 KIPS	0.02
	190.845							68# 27#	2	SD40	-7 KIPS	-14 KIPS	0.03
	190.833							72# 15#	3	GONDOLA	-14 KIPS	-18 KIPS	0.02
	190.680							73# 13#	22	GONDOLA	10 KIPS	11 KIPS	0.00
	190.545							73# 13#	41	GONDOLA	26 KIPS	27 KIPS	0.00
HELPERS	190.401							73# 13#	60	GONDOLA	43 KIPS	44 KIPS	0.00
	190.257							73# 13#	78	GONDOLA	43 KIPS	41 KIPS	0.00
	190.113							71# 17#	98	GONDOLA	5 KIPS	2 KIPS	0.09
	190.093							68# 28#	99	GMBC	2 KIPS	0 KIPS	0.12
	190.082							68# 28#	100	GM108	0 KIPS	0 KIPS	0.12
0:24:17	190.850	0	17	RUN	1	108	12# REL	68# 28#	1	SD40	0 KIPS	-8 KIPS	0.02
	190.838							71# 16#	2	SD40	-8 KIPS	-12 KIPS	0.03
	190.694							72# 14#	3	GONDOLA	-12 KIPS	-11 KIPS	0.02
	190.550							72# 14#	22	GONDOLA	8 KIPS	8 KIPS	0.00
	190.406							72# 14#	41	GONDOLA	25 KIPS	26 KIPS	0.00
HELPERS	190.262							72# 15#	60	GONDOLA	42 KIPS	43 KIPS	0.00
	190.118							71# 18#	78	GONDOLA	43 KIPS	41 KIPS	0.00
	190.110							68# 28#	98	GONDOLA	5 KIPS	2 KIPS	0.09
	190.097							68# 28#	99	GMBC	2 KIPS	-16 KIPS	0.12
	190.867							68# 28#	100	GM108	-16 KIPS	0 KIPS	0.12
0:24:18	190.855	0	17	RUN	1	108	12# REL	68# 28#	1	SD40	0 KIPS	-8 KIPS	0.02
	190.842							71# 17#	2	SD40	-8 KIPS	-12 KIPS	0.03
	190.698							72# 16#	3	GONDOLA	-12 KIPS	-11 KIPS	0.02
	190.555							72# 15#	22	GONDOLA	6 KIPS	7 KIPS	0.00
	190.411							72# 15#	41	GONDOLA	22 KIPS	23 KIPS	0.00
HELPERS	190.267							72# 16#	60	GONDOLA	38 KIPS	39 KIPS	0.00
	190.123							70# 18#	78	GONDOLA	41 KIPS	38 KIPS	0.00
	190.115							68# 28#	98	GONDOLA	3 KIPS	0 KIPS	0.08
	190.102							68# 28#	99	GMBC	0 KIPS	-1 KIPS	0.12
								68# 28#	100	GM108	-1 KIPS	0 KIPS	0.12

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE CYL	SETTING REL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:24:18	180.872	0	17	1	108	12#	REL	48:74 12:99	1	SD40	0 KIPS	-6 KIPS	0.02
	190.858								2	SD40	-6 KIPS	-12 KIPS	0.03
	190.847								3	GONDOLA	-12 KIPS	-12 KIPS	0.03
	190.703								22	GONDOLA	5 KIPS	5 KIPS	0.00
	190.559								41	GONDOLA	21 KIPS	22 KIPS	0.00
HELPERS	190.415								60	GONDOLA	37 KIPS	38 KIPS	0.00
	190.271								78	GONDOLA	41 KIPS	39 KIPS	0.00
	190.127								98	GONDOLA	3 KIPS	0 KIPS	0.09
	190.120								99	GM8C	0 KIPS	-1 KIPS	0.12
	190.107								100	GM10B	-1 KIPS	0 KIPS	0.12
0:24:20	190.878	0	17	1	109	12#	REL	48:75 12:99	1	SD40	0 KIPS	-6 KIPS	0.02
	190.864								2	SD40	-6 KIPS	-13 KIPS	0.03
	190.852								3	GONDOLA	-13 KIPS	-12 KIPS	0.03
	190.708								22	GONDOLA	3 KIPS	4 KIPS	0.00
	190.564								41	GONDOLA	18 KIPS	20 KIPS	0.00
HELPERS	190.420								60	GONDOLA	35 KIPS	36 KIPS	0.00
	190.278								79	GONDOLA	40 KIPS	38 KIPS	0.00
	190.132								98	GONDOLA	3 KIPS	0 KIPS	0.09
	190.124								99	GM8C	0 KIPS	-1 KIPS	0.12
	190.111								100	GM10B	-1 KIPS	0 KIPS	0.12
0:24:21	190.881	0	16	1	110	12#	REL	44:76 13:100	1	SD40	0 KIPS	-6 KIPS	0.02
	190.866								2	SD40	-6 KIPS	-12 KIPS	0.03
	190.712								3	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.568								22	GONDOLA	1 KIPS	2 KIPS	0.00
	190.424								41	GONDOLA	16 KIPS	17 KIPS	0.00
HELPERS	190.281								60	GONDOLA	32 KIPS	32 KIPS	0.00
	190.137								78	GONDOLA	38 KIPS	36 KIPS	0.00
	190.129								98	GONDOLA	0 KIPS	5 KIPS	0.10
	190.116								99	GM8C	-5 KIPS	-3 KIPS	0.13
	190.885	0	16	1	110	12#	REL	45:76 13:99	100	GM10B	-3 KIPS	0 KIPS	0.13
0:24:22	190.873								1	SD40	0 KIPS	-6 KIPS	0.02
	190.861								2	SD40	-6 KIPS	-12 KIPS	0.03
	190.717								3	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.573								22	GONDOLA	-30 KIPS	1 KIPS	0.00
	190.429								41	GONDOLA	15 KIPS	16 KIPS	0.00
HELPERS	190.285								60	GONDOLA	31 KIPS	32 KIPS	0.00
	190.141								79	GONDOLA	40 KIPS	38 KIPS	0.00
	190.133								98	GONDOLA	4 KIPS	-2 KIPS	0.00
	190.120								99	GM8C	-2 KIPS	-3 KIPS	0.13
									100	GM10B	-3 KIPS	0 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES SETTING IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRANBAR FORCES FORE	DRANBAR FORCES AFT	
0:24:23	190.890	0	16	RUN 1	111	12# REL	68# 28#	1	SD40	0 KIPS	-8 KIPS	0.02
	190.878						68# 28#	2	SD40	-6 KIPS	-12 KIPS	0.03
	190.865						68# 24#	3	GONDOLA	-12 KIPS	-28 KIPS	0.02
	190.721						70# 22#	22	GONDOLA	-25 KIPS	16 KIPS	0.00
	190.577						70# 21#	41	GONDOLA	15 KIPS	32 KIPS	0.00
	190.433						70# 21#	60	GONDOLA	31 KIPS	40 KIPS	0.00
	190.288						70# 22#	79	GONDOLA	40 KIPS	3 KIPS	0.00
	190.145						68# 28#	98	GONDOLA	0 KIPS	-2 KIPS	0.13
HELPERS	190.138			RUN 1	224	12# REL	68# 28#	99	GM6C	0 KIPS	0 KIPS	0.13
	190.125						68# 28#	100	GM10B	-2 KIPS	-6 KIPS	0.02
0:24:24	190.884	0	16	RUN 1	112	12# REL	68# 28#	1	SD40	0 KIPS	-12 KIPS	0.02
	190.862						68# 28#	2	SD40	-8 KIPS	-12 KIPS	0.02
	190.870						68# 25#	3	GONDOLA	-20 KIPS	13 KIPS	0.00
	190.726						68# 23#	22	GONDOLA	29 KIPS	30 KIPS	0.00
	190.582						68# 22#	41	GONDOLA	40 KIPS	2 KIPS	0.00
	190.438						68# 23#	60	GONDOLA	0 KIPS	-1 KIPS	0.13
	190.284						68# 27#	79	GM6C	0 KIPS	-6 KIPS	0.02
HELPERS	190.150			RUN 1	224	12# REL	68# 28#	99	GM10B	0 KIPS	-12 KIPS	0.03
	190.142						68# 28#	100	SD40	-8 KIPS	-11 KIPS	0.00
0:24:25	190.888	0	15	RUN 1	112	12# REL	68# 28#	1	SD40	0 KIPS	-12 KIPS	0.02
	190.866						68# 26#	2	SD40	-11 KIPS	13 KIPS	0.00
	190.874						68# 24#	22	GONDOLA	28 KIPS	38 KIPS	0.00
	190.730						68# 23#	41	GONDOLA	2 KIPS	-9 KIPS	0.13
	190.586						68# 24#	60	GM6C	0 KIPS	-6 KIPS	0.02
	190.442						68# 28#	79	SD40	-8 KIPS	-12 KIPS	0.03
	190.288						68# 28#	98	GONDOLA	-12 KIPS	-11 KIPS	0.02
HELPERS	190.154			RUN 1	225	12# REL	68# 28#	99	GONDOLA	-12 KIPS	-2 KIPS	0.00
	190.147						68# 28#	100	GM10B	0 KIPS	-6 KIPS	0.02
0:24:26	190.903	0	15	RUN 1	113	12# REL	68# 28#	1	SD40	-12 KIPS	-11 KIPS	0.02
	190.880						68# 27#	2	SD40	-12 KIPS	-2 KIPS	0.00
	190.878						68# 25#	22	GONDOLA	11 KIPS	12 KIPS	0.00
	190.734						68# 25#	41	GONDOLA	26 KIPS	37 KIPS	0.00
	190.590						68# 25#	60	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.446						68# 28#	79	GM6C	-2 KIPS	0 KIPS	0.00
	190.302						68# 28#	98	GM10B	-2 KIPS	0 KIPS	0.13
HELPERS	190.158			RUN 1	225	12# REL	68# 28#	99	GM10B	-2 KIPS	0 KIPS	0.13
	190.151						68# 28#	100	GM10B	-2 KIPS	0 KIPS	0.13
	190.138						68# 28#					

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS	BRAKES SETTING TRN IND PIPE CYL	PRESSURE (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
0:24:27	190.907	0	15	RUN 1	114	12# REL	1	SD40	0 KIPS	-6 KIPS	0.01
	190.894						2	SD40	-8 KIPS	-11 KIPS	0.03
	190.882						3	GONDOLA	-11 KIPS	-11 KIPS	0.02
	190.738						22	GONDOLA	-7 KIPS	-8 KIPS	0.00
	190.594						41	GONDOLA	11 KIPS	11 KIPS	0.00
HELPERS	190.450						60	GONDOLA	25 KIPS	26 KIPS	0.00
	190.308						79	GONDOLA	39 KIPS	37 KIPS	0.00
	190.162						98	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.155			RUN 1	226	12# REL	99	GMBC	-2 KIPS	-2 KIPS	0.00
	190.142						100	GM108	0 KIPS	0 KIPS	0.13
0:24:28	190.911	0	14	RUN 1	115	12# REL	1	SD40	0 KIPS	-6 KIPS	0.01
	190.898						2	SD40	-6 KIPS	-11 KIPS	0.02
	190.886						3	GONDOLA	-11 KIPS	-11 KIPS	0.02
	190.742						22	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.598						41	GONDOLA	10 KIPS	10 KIPS	0.00
HELPERS	190.454						60	GONDOLA	24 KIPS	24 KIPS	0.00
	190.310						79	GONDOLA	37 KIPS	37 KIPS	0.00
	190.166						98	GONDOLA	-10 KIPS	-7 KIPS	0.00
	190.159			RUN 1	227	12# REL	99	GMBC	-7 KIPS	-4 KIPS	0.01
	190.148						100	GM108	-4 KIPS	0 KIPS	0.00
0:24:29	190.915	0	14	RUN 1	116	12# REL	1	SD40	0 KIPS	-5 KIPS	0.01
	190.902						2	SD40	-5 KIPS	-11 KIPS	0.02
	190.890						3	GONDOLA	-11 KIPS	-10 KIPS	0.02
	190.748						22	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.602						41	GONDOLA	9 KIPS	8 KIPS	0.00
HELPERS	190.458						60	GONDOLA	21 KIPS	22 KIPS	0.00
	190.314						79	GONDOLA	34 KIPS	35 KIPS	0.00
	190.170						98	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.163			RUN 1	228	12# REL	99	GMBC	-4 KIPS	-3 KIPS	0.01
	190.150						100	GM108	-3 KIPS	0 KIPS	0.00
0:24:30	190.919	0	14	RUN 1	117	12# REL	1	SD40	0 KIPS	-5 KIPS	0.01
	190.906						2	SD40	-5 KIPS	-11 KIPS	0.02
	190.894						3	GONDOLA	-11 KIPS	-10 KIPS	0.02
	190.750						22	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.606						41	GONDOLA	8 KIPS	8 KIPS	0.00
HELPERS	190.462						60	GONDOLA	20 KIPS	21 KIPS	0.00
	190.318						79	GONDOLA	32 KIPS	33 KIPS	0.00
	190.174						98	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.167			RUN 1	228	12# REL	99	GMBC	-4 KIPS	-3 KIPS	0.01
	190.154						100	GM108	-3 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES		L/V RATIO
										FORE	AFT	
0:24:31	180.922	0	14	RUN	1	118	12# REL	88# 28#	SD40	0 KIPS	-5 KIPS	0.01
	180.910							88# 28#	SD40	-5 KIPS	-11 KIPS	0.02
	180.898							88# 28#	GONDOLA	-11 KIPS	-10 KIPS	0.02
	180.784							88# 28#	GONDOLA	-3 KIPS	-2 KIPS	0.00
	180.610							88# 28#	GONDOLA	8 KIPS	8 KIPS	0.00
	180.468							88# 28#	GONDOLA	19 KIPS	20 KIPS	0.00
	190.322							88# 28#	GONDOLA	31 KIPS	32 KIPS	0.00
	190.178							88# 28#	GONDOLA	-2 KIPS	-4 KIPS	0.00
HELPERS	180.171		RUN	1	228	12# REL		88# 28#	GM6C	-3 KIPS	0 KIPS	0.01
	180.157							88# 28#	GM108	0 KIPS	0 KIPS	0.00
0:24:32	180.928	0	13	RUN	1	118	12# REL	88# 28#	SD40	0 KIPS	-5 KIPS	0.01
	180.914							88# 28#	SD40	-5 KIPS	-11 KIPS	0.02
	180.801							88# 28#	GONDOLA	-11 KIPS	-10 KIPS	0.02
	180.758							88# 28#	GONDOLA	-2 KIPS	-2 KIPS	0.00
	180.614							88# 28#	GONDOLA	7 KIPS	8 KIPS	0.00
	180.470							88# 28#	GONDOLA	19 KIPS	19 KIPS	0.00
	180.326							88# 28#	GONDOLA	30 KIPS	31 KIPS	0.00
	180.182							88# 28#	GONDOLA	-2 KIPS	-4 KIPS	0.00
HELPERS	180.174		RUN	1	230	12# REL		88# 28#	GM6C	-4 KIPS	-3 KIPS	0.01
	180.161							88# 28#	GM108	0 KIPS	0 KIPS	0.00
0:24:33	180.930	0	13	RUN	1	120	12# REL	88# 28#	SD40	0 KIPS	-5 KIPS	0.01
	180.917							88# 28#	SD40	-5 KIPS	-11 KIPS	0.02
	180.805							88# 28#	GONDOLA	-11 KIPS	-10 KIPS	0.02
	180.761							88# 28#	GONDOLA	-2 KIPS	-2 KIPS	0.00
	180.617							88# 28#	GONDOLA	7 KIPS	8 KIPS	0.00
	180.473							88# 28#	GONDOLA	18 KIPS	18 KIPS	0.00
	180.328							88# 28#	GONDOLA	29 KIPS	30 KIPS	0.00
	180.185							88# 28#	GONDOLA	-2 KIPS	-4 KIPS	0.00
HELPERS	180.178		RUN	1	231	12# REL		88# 28#	GM6C	-4 KIPS	-3 KIPS	0.01
	180.165							88# 28#	GM108	0 KIPS	0 KIPS	0.00
0:24:34	180.933	0	13	RUN	1	121	12# REL	88# 28#	SD40	0 KIPS	-5 KIPS	0.01
	180.921							88# 28#	SD40	-5 KIPS	-10 KIPS	0.02
	180.809							88# 28#	GONDOLA	-10 KIPS	-10 KIPS	0.02
	180.765							88# 28#	GONDOLA	-3 KIPS	-2 KIPS	0.00
	180.621							88# 28#	GONDOLA	7 KIPS	7 KIPS	0.00
	180.477							88# 28#	GONDOLA	18 KIPS	18 KIPS	0.00
	180.333							88# 28#	GONDOLA	28 KIPS	29 KIPS	0.00
	180.189							88# 28#	GONDOLA	-2 KIPS	-4 KIPS	0.00
HELPERS	180.181		RUN	1	231	12# REL		88# 28#	GM6C	-4 KIPS	-3 KIPS	0.01
	180.168							88# 28#	GM108	-3 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO			
											DRAMBAR FORCES FORE	AFT				
0:24:35	190.937	0	12	RUN	1	122	12#	REL	88# 28#	31:83	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.924								88# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.912								88# 28#			3	GONDOLA	-10 KIPS	-10 KIPS	0.02
	190.788								88# 28#			22	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.624								88# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
HELPERS	190.480								88# 28#			60	GONDOLA	18 KIPS	19 KIPS	0.00
	190.338								88# 28#			79	GONDOLA	29 KIPS	30 KIPS	0.00
	190.192								88# 28#			98	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.185								88# 28#			99	GM6C	-3 KIPS	-3 KIPS	0.01
	190.172								88# 28#			100	GM108	0 KIPS	0 KIPS	0.00
0:24:36	190.940	0	12	RUN	1	123	12#	REL	88# 28#	31:83	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.928								88# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.915								88# 28#			3	GONDOLA	-10 KIPS	-10 KIPS	0.02
	190.772								88# 28#			22	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.628								88# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
HELPERS	190.484								88# 28#			60	GONDOLA	18 KIPS	18 KIPS	0.00
	190.340								88# 28#			79	GONDOLA	28 KIPS	29 KIPS	0.00
	190.198								88# 28#			98	GONDOLA	0 KIPS	-3 KIPS	0.00
	190.188								88# 28#			99	GM6C	-3 KIPS	-3 KIPS	0.00
	190.175								88# 28#			100	GM108	-3 KIPS	0 KIPS	0.00
0:24:37	190.943	0	12	RUN	1	125	12#	REL	88# 28#	30:84	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.931								88# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.919								88# 28#			3	GONDOLA	-10 KIPS	-10 KIPS	0.02
	190.775								88# 28#			22	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.631								88# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
HELPERS	190.487								88# 28#			60	GONDOLA	17 KIPS	18 KIPS	0.00
	190.343								88# 28#			79	GONDOLA	28 KIPS	28 KIPS	0.00
	190.199								88# 28#			98	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.191								88# 28#			99	GM6C	-2 KIPS	-2 KIPS	0.00
	190.178								88# 28#			100	GM108	-2 KIPS	0 KIPS	0.00
0:24:38	190.947	0	11	RUN	1	126	12#	REL	88# 28#	29:84	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.934								88# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.922								88# 28#			3	GONDOLA	-10 KIPS	-9 KIPS	0.02
	190.778								88# 28#			22	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.634								88# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
HELPERS	190.490								88# 28#			60	GONDOLA	17 KIPS	17 KIPS	0.00
	190.348								88# 28#			79	GONDOLA	27 KIPS	27 KIPS	0.00
	190.202								88# 28#			98	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.195								88# 28#			99	GM6C	-2 KIPS	-2 KIPS	0.00
	190.182								88# 28#			100	GM108	-2 KIP	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 128	SETTING 12#	PRESSURE REL	BRAKES TRN IND PIPE CVL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES		L/V RATIO			
											FORE	AFT				
0:24:39	190.950	0	11	RUN	1	128	12#	REL	68# 28#	29:85	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.937								68# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.925								68# 28#			3	GONDOLA	-10 KIPS	-9 KIPS	0.02
	190.781								68# 28#			22	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.637								68# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
HELPERS	190.493								68# 28#			60	GONDOLA	17 KIPS	17 KIPS	0.00
	190.349								68# 28#			79	GONDOLA	26 KIPS	27 KIPS	0.00
	190.205								68# 28#			98	GONDOLA	3 KIPS	2 KIPS	0.00
	190.198								68# 28#			99	GM6C	-2 KIPS	-2 KIPS	0.00
	190.185								68# 28#			100	GM10B	0 KIPS	0 KIPS	0.00
0:24:40	190.953	0	11	RUN	1	128	12#	REL	68# 28#	30:85	.02:2	1	SD40	-5 KIPS	-5 KIPS	0.01
	190.940								68# 28#			2	SD40	-9 KIPS	-9 KIPS	0.02
	190.928								68# 28#			3	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.784								68# 28#			22	GONDOLA	8 KIPS	8 KIPS	0.00
	190.640								68# 28#			41	GONDOLA	17 KIPS	18 KIPS	0.00
HELPERS	190.498								68# 28#			60	GONDOLA	27 KIPS	27 KIPS	0.00
	190.352								68# 28#			79	GONDOLA	2 KIPS	0 KIPS	0.00
	190.208								68# 28#			98	GONDOLA	0 KIPS	-1 KIPS	0.00
	190.201								68# 28#			99	GM6C	-1 KIPS	0 KIPS	0.00
	190.188								68# 28#			100	GM10B	0 KIPS	0 KIPS	0.00
0:24:41	190.958	0	10	RUN	1	131	12#	REL	68# 28#	29:85	.02:2	1	SD40	-5 KIPS	-5 KIPS	0.01
	190.943								68# 28#			2	SD40	-9 KIPS	-9 KIPS	0.02
	190.931								68# 28#			3	GONDOLA	-2 KIPS	-1 KIPS	0.00
	190.787								68# 28#			22	GONDOLA	7 KIPS	8 KIPS	0.00
	190.643								68# 28#			41	GONDOLA	17 KIPS	17 KIPS	0.00
HELPERS	190.499								68# 28#			60	GONDOLA	26 KIPS	26 KIPS	0.00
	190.355								68# 28#			79	GONDOLA	2 KIPS	-20 KIPS	0.00
	190.211								68# 28#			98	GONDOLA	-10 KIPS	-10 KIPS	0.00
	190.204								68# 28#			99	GM6C	0 KIPS	0 KIPS	0.00
	190.181								68# 28#			100	GM10B	-4 KIPS	-4 KIPS	0.01
0:24:42	190.959	0	10	RUN	1	133	12#	REL	68# 28#	27:86	.02:2	1	SD40	-9 KIPS	-8 KIPS	0.02
	190.946								68# 28#			2	SD40	-2 KIPS	-1 KIPS	0.00
	190.934								68# 28#			3	GONDOLA	7 KIPS	7 KIPS	0.00
	190.790								68# 28#			22	GONDOLA	15 KIPS	16 KIPS	0.00
	190.646								68# 28#			41	GONDOLA	24 KIPS	24 KIPS	0.00
HELPERS	190.502								68# 28#			60	GONDOLA	-18 KIPS	-13 KIPS	0.00
	190.358								68# 28#			79	GONDOLA	-13 KIPS	-7 KIPS	0.01
	190.214								68# 28#			98	GM6C	0 KIPS	0 KIPS	0.00
	190.207								68# 28#			99	GM10B	-7 KIPS	-7 KIPS	0.00
	190.194								68# 28#			100	GM10B	0 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:24:43	190.961	0	10	RUN	1	135	12#	REL	88# 28#	SD40	0 KIPS	-4 KIPS	0.01
	190.949								88# 28#	SD40	-4 KIPS	-8 KIPS	0.02
	190.937								88# 28#	GONDOLA	-9 KIPS	-8 KIPS	0.02
	190.793								22	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.849								41	GONDOLA	6 KIPS	7 KIPS	0.00
HELPERS	190.505								60	GONDOLA	14 KIPS	14 KIPS	0.00
	190.361								79	GONDOLA	21 KIPS	22 KIPS	0.00
	190.217								98	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.209								99	GM6C	-3 KIPS	-3 KIPS	0.01
	190.198								100	GM10B	-3 KIPS	0 KIPS	0.01
0:24:44	190.964	0	10	RUN	1	137	12#	REL	88# 28#	SD40	0 KIPS	-4 KIPS	0.01
	190.952								88# 28#	SD40	-4 KIPS	-8 KIPS	0.02
	190.939								22	GONDOLA	-8 KIPS	-8 KIPS	0.02
	190.795								41	GONDOLA	-1 KIPS	0 KIPS	0.00
	190.651								60	GONDOLA	6 KIPS	7 KIPS	0.00
HELPERS	190.508								79	GONDOLA	14 KIPS	14 KIPS	0.00
	190.364								98	GONDOLA	21 KIPS	21 KIPS	0.00
	190.220								99	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.212								100	GM6C	-4 KIPS	-3 KIPS	0.01
	190.199									GM10B	-3 KIPS	0 KIPS	0.00
0:24:45	190.967	0	9	RUN	1	139	12#	REL	88# 28#	SD40	0 KIPS	-4 KIPS	0.01
	190.954								88# 28#	SD40	-4 KIPS	-8 KIPS	0.02
	190.942								22	GONDOLA	-8 KIPS	-8 KIPS	0.02
	190.798								41	GONDOLA	-1 KIPS	0 KIPS	0.00
	190.654								60	GONDOLA	6 KIPS	6 KIPS	0.00
HELPERS	190.510								78	GONDOLA	12 KIPS	13 KIPS	0.00
	190.368								98	GONDOLA	18 KIPS	18 KIPS	0.00
	190.222								99	GONDOLA	-4 KIPS	-5 KIPS	0.01
	190.215								100	GM6C	-5 KIPS	-4 KIPS	0.01
	190.202									GM10B	-4 KIPS	0 KIPS	0.01
0:24:46	190.969	0	9	RUN	1	141	12#	REL	88# 28#	SD40	0 KIPS	-4 KIPS	0.01
	190.957								88# 28#	SD40	-4 KIPS	-8 KIPS	0.02
	190.944								22	GONDOLA	-8 KIPS	-7 KIPS	0.02
	190.801								41	GONDOLA	0 KIPS	0 KIPS	0.00
	190.657								60	GONDOLA	6 KIPS	6 KIPS	0.00
HELPERS	190.513								78	GONDOLA	12 KIPS	13 KIPS	0.00
	190.369								98	GONDOLA	18 KIPS	18 KIPS	0.00
	190.225								99	GONDOLA	-3 KIPS	-3 KIPS	0.01
	190.217								100	GM6C	-3 KIPS	0 KIPS	0.01
	190.204									GM10B	-3 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THYR RUN	AMPS TRN	IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0:24:47	190.971	0	9	RUN	1	143	12# REL	68# 28#	SD40	0 KIPS	-4 KIPS	0.01
	190.959							68# 28#	SD40	-4 KIPS	-7 KIPS	0.02
	190.947							68# 28#	GONDOLA	-7 KIPS	-7 KIPS	0.01
HELPERS	190.803							68# 28#	GONDOLA	0 KIPS	13 KIPS	0.01
	190.859							68# 28#	GONDOLA	6 KIPS	17 KIPS	0.00
	190.515							68# 28#	GONDOLA	12 KIPS	13 KIPS	0.00
HELPERS	190.371							68# 28#	GONDOLA	19 KIPS	19 KIPS	0.00
	190.227							68# 28#	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.220							68# 28#	GM9C	-4 KIPS	-3 KIPS	0.01
0:24:48	190.207	0	8	RUN	1	148	12# REL	68# 28#	GM10E	0 KIPS	0 KIPS	0.00
	190.974							68# 28#	SD40	-3 KIPS	-3 KIPS	0.01
	190.962							68# 28#	SD40	-7 KIPS	-7 KIPS	0.02
HELPERS	190.949							68# 28#	GONDOLA	12 KIPS	11 KIPS	0.01
	190.805							68# 28#	GONDOLA	7 KIPS	7 KIPS	0.00
	190.661							68# 28#	GONDOLA	13 KIPS	14 KIPS	0.00
HELPERS	190.517							68# 28#	GONDOLA	20 KIPS	20 KIPS	0.00
	190.373							68# 28#	GM9C	-4 KIPS	-3 KIPS	0.00
	190.230							68# 28#	GM10B	-3 KIPS	0 KIPS	0.00
0:24:49	190.222	0	8	RUN	1	150	12# REL	68# 28#	SD40	0 KIPS	-3 KIPS	0.01
	190.209							68# 28#	SD40	-3 KIPS	-8 KIPS	0.01
	190.984							68# 28#	GONDOLA	0 KIPS	1 KIPS	0.01
HELPERS	190.951							68# 28#	GONDOLA	7 KIPS	7 KIPS	0.00
	190.808							68# 28#	GONDOLA	14 KIPS	14 KIPS	0.00
	190.664							68# 28#	GONDOLA	20 KIPS	21 KIPS	0.00
HELPERS	190.520							68# 28#	GONDOLA	18 KIPS	0 KIPS	0.00
	190.378							68# 28#	GM9C	0 KIPS	-2 KIPS	0.00
	190.232							68# 28#	GM10B	-2 KIPS	0 KIPS	0.00
0:24:50	190.224	0	8	RUN	1	154	12# REL	68# 28#	SD40	0 KIPS	-3 KIPS	0.00
	190.211							68# 28#	SD40	-3 KIPS	-8 KIPS	0.01
	190.978							68# 28#	GONDOLA	11 KIPS	10 KIPS	0.01
HELPERS	190.868							68# 28#	GONDOLA	7 KIPS	8 KIPS	0.00
	190.954							68# 28#	GONDOLA	14 KIPS	14 KIPS	0.00
	190.810							68# 28#	GONDOLA	20 KIPS	21 KIPS	0.00
HELPERS	190.666							68# 28#	GONDOLA	3 KIPS	0 KIPS	0.00
	190.522							68# 28#	GM9C	-1 KIPS	0 KIPS	0.00
	190.378							68# 28#	GM10B	0 KIPS	0 KIPS	0.00
0:24:51	190.234							68# 28#	GM9C	-1 KIPS	0 KIPS	0.00
	190.226							68# 28#	GM10B	0 KIPS	0 KIPS	0.00
	190.213							68# 28#	GM10B	0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS	SETTING TRN IN	PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE	AFT	L/V RATIO
0:24:51	190.980	0	7	RUN	1	158	12# REL	68# 28#	SD40	0 KIPS	-3 KIPS	0.00
	190.988							68# 28#	SD40	-3 KIPS	-5 KIPS	0.01
	190.958							68# 28#	GONDOLA	-5 KIPS	-5 KIPS	0.01
	190.812							68# 28#	GONDOLA	1 KIPS	1 KIPS	0.00
	190.668							68# 28#	GONDOLA	7 KIPS	7 KIPS	0.00
	190.524							68# 28#	GONDOLA	14 KIPS	14 KIPS	0.00
	190.380							68# 28#	GONDOLA	20 KIPS	20 KIPS	0.00
	190.238							68# 28#	GONDOLA	2 KIPS	0 KIPS	0.00
HELPERS	190.228							68# 28#	GMBC	0 KIPS	-1 KIPS	0.00
	190.215							68# 28#	GM108	-1 KIPS	0 KIPS	0.00
0:24:52	190.982	0	7	RUN	1	163	12# REL	68# 28#	SD40	0 KIPS	-2 KIPS	0.00
	190.970							68# 28#	SD40	-2 KIPS	-5 KIPS	0.01
	190.858							68# 28#	GONDOLA	-4 KIPS	9 KIPS	0.00
	190.814							68# 28#	GONDOLA	7 KIPS	7 KIPS	0.00
	190.670							68# 28#	GONDOLA	13 KIPS	14 KIPS	0.00
	190.526							68# 28#	GONDOLA	20 KIPS	20 KIPS	0.00
	190.382							68# 28#	GONDOLA	-11 KIPS	-8 KIPS	0.00
HELPERS	190.238							68# 28#	GMBC	0 KIPS	0 KIPS	0.00
	190.230							68# 28#	GM108	-8 KIPS	-2 KIPS	0.00
0:24:53	190.984	0	7	RUN	1	169	12# REL	68# 28#	SD40	0 KIPS	-4 KIPS	0.01
	190.972							68# 28#	SD40	-4 KIPS	1 KIPS	0.00
	190.960							68# 28#	GONDOLA	6 KIPS	6 KIPS	0.00
	190.816							68# 28#	GONDOLA	12 KIPS	12 KIPS	0.00
	190.672							68# 28#	GONDOLA	17 KIPS	17 KIPS	0.00
	190.528							68# 28#	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.384							68# 28#	GMBC	0 KIPS	0 KIPS	0.00
	190.240							68# 28#	GM108	-2 KIPS	-2 KIPS	0.00
HELPERS	190.232							68# 28#	SD40	0 KIPS	-2 KIPS	0.00
	190.219							68# 28#	SD40	-2 KIPS	-3 KIPS	0.00
0:24:54	190.986	0	8	RUN	1	174	12# REL	68# 28#	GONDOLA	10 KIPS	8 KIPS	0.00
	190.974							68# 28#	GONDOLA	6 KIPS	7 KIPS	0.00
	190.961							68# 28#	GONDOLA	11 KIPS	12 KIPS	0.00
	190.817							68# 28#	GONDOLA	17 KIPS	17 KIPS	0.00
	190.673							68# 28#	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.529							68# 28#	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.386							68# 28#	GMBC	0 KIPS	0 KIPS	0.00
	190.242							68# 28#	GM108	-2 KIPS	-2 KIPS	0.00
HELPERS	190.234							68# 28#	SD40	0 KIPS	-2 KIPS	0.00
	190.221							68# 28#	GONDOLA	-2 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THTLT THN	AMPS IND	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0:24:55	190.988	0	6	RUN	1	181	12# REL	88# 28#	17:90 .01:99	1	0.00
	120.975							88# 28#	SD40	0 KIPS	0.00
	190.963							88# 28#	SD40	-1 KIPS	0.00
	190.819							88# 28#	GONDOLA	-2 KIPS	0.00
	190.675							88# 28#	GONDOLA	8 KIPS	0.00
	190.531							88# 28#	GONDOLA	6 KIPS	0.00
	190.387							88# 28#	GONDOLA	10 KIPS	0.00
	190.243							88# 28#	GONDOLA	14 KIPS	0.00
HELPERS	190.236							88# 28#	GONDOLA	15 KIPS	0.00
	190.223							88# 28#	GONDOLA	-7 KIPS	0.00
0:24:56	190.988	0	6	RUN	1	187	12# REL	88# 28#	GMBC	-3 KIPS	0.01
	190.877							88# 28#	GM108	0 KIPS	0.00
	190.965							88# 28#	SD40	-1 KIPS	0.00
	190.821							88# 28#	SD40	-1 KIPS	0.00
	190.677							88# 28#	GONDOLA	7 KIPS	0.00
	190.533							88# 28#	GONDOLA	5 KIPS	0.00
	190.389							88# 28#	GONDOLA	10 KIPS	0.00
HELPERS	190.237							88# 28#	GONDOLA	14 KIPS	0.00
	190.224							88# 28#	GONDOLA	-2 KIPS	0.00
0:24:57	190.981	0	5	RUN	1	244	12# REL	88# 28#	GMBC	-3 KIPS	0.01
	190.978							88# 28#	GM108	0 KIPS	0.00
	190.966							88# 28#	SD40	0 KIPS	0.00
	190.822							88# 28#	SD40	0 KIPS	0.00
	190.676							88# 28#	GONDOLA	0 KIPS	0.00
	190.534							88# 28#	GONDOLA	1 KIPS	0.00
	190.390							88# 28#	GONDOLA	5 KIPS	0.00
HELPERS	190.246							88# 28#	GONDOLA	8 KIPS	0.00
	190.239							88# 28#	GONDOLA	10 KIPS	0.00
	190.226							88# 28#	GONDOLA	14 KIPS	0.00
-----> IDLE									GMBC	-4 KIPS	0.00
-----> CONTINUE UNTIL SPEED REACHES									GM108	-3 KIPS	0.00
0:24:58	190.992	0	5	IDLE	0	12# REL	0 M.P.H.	88# 28#	SD40	0 KIPS	0.02
	190.980							88# 28#	SD40	-8 KIPS	0.04
	190.967							88# 28#	GONDOLA	-17 KIPS	0.03
	190.823							88# 28#	GONDOLA	-16 KIPS	0.00
	190.680							88# 28#	GONDOLA	8 KIPS	0.00
	190.536							88# 28#	GONDOLA	8 KIPS	0.00
	190.392							88# 28#	GONDOLA	10 KIPS	0.00
	190.248							88# 28#	GONDOLA	13 KIPS	0.00
HELPERS	190.240							88# 28#	GONDOLA	14 KIPS	0.00
	190.227							88# 28#	GMBC	-1 KIPS	0.00
									GM108	-2 KIPS	0.00
										0 KIPS	0.00

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TIME	STATION MP	SPEED LMT RUN	THITLE IDLE	AMPS 0 12#	PRESSURE REL	BRAKES TRN IND PIPE CVL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES			L/V RATIO
									IDENTIFIER	DRAMBAR FORCES FORE	AFT	
0:24:59	190.993	0	4	IDLE	0 12#	REL	88# 28#	1	SD40	0 KIPS	-9 KIPS	0.02
	190.981						88# 28#	2	SD40	-9 KIPS	-17 KIPS	0.04
	190.969						88# 28#	3	GONDOLA	-17 KIPS	-16 KIPS	0.03
	190.825						88# 28#	22	GONDOLA	4 KIPS	4 KIPS	0.00
	190.681						88# 28#	41	GONDOLA	14 KIPS	15 KIPS	0.00
	190.537						88# 28#	60	GONDOLA	24 KIPS	24 KIPS	0.00
	190.393						88# 28#	79	GONDOLA	33 KIPS	33 KIPS	0.00
	190.249						88# 28#	98	GONDOLA	155 KIPS	174 KIPS	0.00
	190.241						88# 28#	99	GM6C	174 KIPS	204 KIPS	0.00
	190.228						88# 28#	100	GM10B	204 KIPS	0 KIPS	0.00
HELPERS	190.228			IDLE	0 12#	REL	88# 28#	1	SD40	0 KIPS	-9 KIPS	0.02
	190.994						88# 28#	2	SD40	-9 KIPS	-17 KIPS	0.04
	190.882						88# 28#	3	GONDOLA	-17 KIPS	-16 KIPS	0.03
	190.970						88# 28#	22	GONDOLA	4 KIPS	5 KIPS	0.00
	190.826						88# 28#	41	GONDOLA	15 KIPS	16 KIPS	0.00
	190.682						88# 28#	60	GONDOLA	26 KIPS	27 KIPS	0.00
	190.538						88# 28#	79	GONDOLA	37 KIPS	38 KIPS	0.00
	190.394						88# 28#	98	GONDOLA	28 KIPS	27 KIPS	0.00
	190.250						88# 28#	99	GM6C	27 KIPS	13 KIPS	0.00
	190.243						88# 28#	100	GM10B	13 KIPS	0 KIPS	0.00
HELPERS	190.243			IDLE	0 12#	REL	88# 28#	1	SD40	0 KIPS	-9 KIPS	0.02
	190.230						88# 28#	2	SD40	-9 KIPS	-17 KIPS	0.04
	190.983						88# 28#	3	GONDOLA	-17 KIPS	-16 KIPS	0.03
	190.971						88# 28#	22	GONDOLA	4 KIPS	5 KIPS	0.00
	190.827						88# 28#	41	GONDOLA	15 KIPS	16 KIPS	0.00
	190.683						88# 28#	60	GONDOLA	26 KIPS	27 KIPS	0.00
	190.539						88# 28#	79	GONDOLA	38 KIPS	38 KIPS	0.00
	190.395						88# 28#	98	GONDOLA	31 KIPS	28 KIPS	0.00
	190.251						88# 28#	99	GM6C	29 KIPS	14 KIPS	0.00
	190.244						88# 28#	100	GM10B	14 KIPS	0 KIPS	0.00
HELPERS	190.244			IDLE	0 12#	REL	88# 28#	1	SD40	0 KIPS	-9 KIPS	0.02
	190.231						88# 28#	2	SD40	-9 KIPS	-18 KIPS	0.04
	190.986						88# 28#	3	GONDOLA	-18 KIPS	-16 KIPS	0.04
	190.972						88# 28#	22	GONDOLA	4 KIPS	5 KIPS	0.00
	190.828						88# 28#	41	GONDOLA	15 KIPS	16 KIPS	0.00
	190.684						88# 28#	60	GONDOLA	26 KIPS	27 KIPS	0.00
	190.540						88# 28#	79	GONDOLA	38 KIPS	38 KIPS	0.00
	190.396						88# 28#	98	GONDOLA	31 KIPS	28 KIPS	0.00
	190.252						88# 28#	99	GM6C	29 KIPS	15 KIPS	0.00
	190.245						88# 28#	100	GM10B	15 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THLE IDLE	AMPS 0 12#	BRAKES TRN IND PIPE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
0:25: 3	190.987	0	3	IDLE	0 12# REL	44:92 .04:2	1	SD40	0 KIPS	-9 KIPS	0.02
	190.985				68# 28#		2	SD40	-9 KIPS	-18 KIPS	0.04
	190.973				68# 28#		3	GONDOLA	-18 KIPS	-17 KIPS	0.04
	190.828				68# 28#		22	GONDOLA	4 KIPS	4 KIPS	0.00
	190.685				68# 28#		41	GONDOLA	15 KIPS	15 KIPS	0.00
	190.541				68# 28#		60	GONDOLA	26 KIPS	27 KIPS	0.00
	190.397				68# 28#		79	GONDOLA	37 KIPS	38 KIPS	0.00
	190.253				68# 28#		98	GONDOLA	32 KIPS	30 KIPS	0.00
	190.245		IDLE	0 12# REL	68# 28#		99	GM6C	30 KIPS	15 KIPS	0.00
	190.232				68# 28#		100	GM10B	15 KIPS	0 KIPS	0.00
0:25: 4	190.998	0	2	IDLE	0 12# REL	44:92 .04:2	1	SD40	0 KIPS	-9 KIPS	0.02
	190.988				68# 28#		2	SD40	-8 KIPS	-18 KIPS	0.04
	190.973				68# 28#		3	GONDOLA	-18 KIPS	-17 KIPS	0.04
	190.829				68# 28#		22	GONDOLA	3 KIPS	3 KIPS	0.00
	190.685				68# 28#		41	GONDOLA	14 KIPS	15 KIPS	0.00
	190.542				68# 28#		60	GONDOLA	25 KIPS	26 KIPS	0.00
	190.388				68# 28#		79	GONDOLA	37 KIPS	37 KIPS	0.00
	190.254				68# 28#		98	GONDOLA	31 KIPS	29 KIPS	0.00
	190.246		IDLE	0 12# REL	68# 28#		99	GM6C	29 KIPS	15 KIPS	0.00
	190.233				68# 28#		100	GM10B	15 KIPS	0 KIPS	0.00
0:25: 5	190.998	0	2	IDLE	0 12# REL	44:92 .04:2	1	SD40	0 KIPS	-9 KIPS	0.02
	190.988				68# 28#		2	SD40	-9 KIPS	-18 KIPS	0.04
	190.974				68# 28#		3	GONDOLA	-18 KIPS	-18 KIPS	0.04
	190.830				68# 28#		22	GONDOLA	2 KIPS	3 KIPS	0.00
	190.688				68# 28#		41	GONDOLA	13 KIPS	14 KIPS	0.00
	190.542				68# 28#		60	GONDOLA	25 KIPS	25 KIPS	0.00
	190.398				68# 28#		79	GONDOLA	36 KIPS	37 KIPS	0.00
	190.254				68# 28#		98	GONDOLA	32 KIPS	30 KIPS	0.00
	190.254		IDLE	0 12# REL	68# 28#		99	GM6C	30 KIPS	15 KIPS	0.00
	190.247				68# 28#		100	GM10B	15 KIPS	0 KIPS	0.00
0:25: 6	190.234				68# 28#		1	SD40	0 KIPS	-10 KIPS	0.02
	190.999	0	1	IDLE	0 12# REL	44:92 .04:2	2	SD40	-10 KIPS	-18 KIPS	0.04
	190.987				68# 28#		3	SD40	-18 KIPS	-18 KIPS	0.04
	190.974				68# 28#		22	GONDOLA	-41 KIPS	1 KIPS	0.00
	190.830				68# 28#		41	GONDOLA	12 KIPS	13 KIPS	0.00
	190.686				68# 28#		60	GONDOLA	24 KIPS	25 KIPS	0.00
	190.542				68# 28#		79	GONDOLA	36 KIPS	36 KIPS	0.00
	190.389				68# 28#		98	GONDOLA	31 KIPS	29 KIPS	0.00
	190.255		IDLE	0 12# REL	68# 28#		99	GM6C	29 KIPS	14 KIPS	0.00
	190.247				68# 28#		100	GM10B	14 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THTLT IDLE	AMPS 0 1	SETTING REL	BRKES TRN IND PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0:25: 7	190.889	0	1	IDLE	0 12# REL	68# 28#	43:92 .04:2	1	SD40	0 KIPS	0.02
	190.887					68# 28#		2	SD40	-9 KIPS	0.04
	190.875					68# 28#		3	GONDOLA	-19 KIPS	0.04
	190.831					68# 28#		22	GONDOLA	-37 KIPS	0.00
	190.887					68# 28#		41	GONDOLA	11 KIPS	0.00
	190.543					68# 28#		60	GONDOLA	23 KIPS	0.00
	190.398					68# 28#		79	GONDOLA	35 KIPS	0.00
	190.255					68# 28#		98	GONDOLA	29 KIPS	0.00
	190.247					68# 28#		99	GM3C	14 KIPS	0.00
HELPERS	190.234			IDLE	0 12# REL	68# 28#		100	GM10B	0 KIPS	0.00
0:25: 8	190.999	0	0	IDLE	0 12# REL	68# 28#	43:92 .04:2	1	SD40	-9 KIPS	0.02
	190.887					68# 28#		2	SD40	-19 KIPS	0.04
	190.875					68# 28#		3	GONDOLA	-18 KIPS	0.04
	190.831					68# 28#		22	GONDOLA	-33 KIPS	0.00
	190.887					68# 28#		41	GONDOLA	10 KIPS	0.00
	190.543					68# 28#		60	GONDOLA	22 KIPS	0.00
	190.398					68# 28#		79	GONDOLA	34 KIPS	0.00
	190.255					68# 28#		98	GONDOLA	30 KIPS	0.00
	190.247					68# 28#		99	GM3C	28 KIPS	0.00
HELPERS	190.234			IDLE	0 12# REL	68# 28#		100	GM10B	14 KIPS	0.00

-----> STOP COMPUTER RUN

MAXIMUM FORCES FOR THIS CASE

MAX. DRAFT COUPLER FORCE: 204 KIPS ON VEH. 100 AT 0:24:59

MAX. BUFF COUPLER FORCE: -233 KIPS ON VEH. 99 AT 0: 9:24

MAXIMUM L/V : 0.64 ON VEH. 99 AT 0: 9:35

E

QCM D-96-E/O/-R

TRAIN SUMMARY

LEAD LOCOMOTIVES	2	HELPER LOCOMOTIVES	2	CARS	98	TRAILING TONNAGE	12086	TOTAL TONNAGE	12868	TOTAL LENGTH	4108'
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VEHICLE LISTING

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1- 2	LOCO (2)	SD40	85'	197T		M380	28"	12X40"	COMP/PL	J1.6
3- 98	CARS (98)	LG4	40'	126T		MK50	28"	8X38"	C.I.	AB
98	GM10B		69'	195T		M380	28"	12X50"	COMP/PL	J1.6
100	GM6C		69'	183T		M380	28"	12X42"	COMP/PL	J1.6

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POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT LGN	COUP GEAR	WHEELS	SHOES	VALVE
1- 2	LOCO (2)	SD40	65'	197T		M380	28"	12X40"	COMP/PL	J1.8

DYNAMIC BRAKES: TAPERED ; EXTENDED RANGE
 DYNAMIC BRAKE INTERLOCK (DBI): NO RECOVERY AFTER DYNAMIC BRAKE OFF
 INDEPENDENT PRESSURE SWITCH (IPS) ACTIVATED AT: 15 P.S.I.

SPEED (MPH):	5	15	30	45	60	75
ENGINE TRACTIVE FORCE:	70000#	63202#	31000#	20222#	15166#	12133#
ENGINE H.P. AT RAIL:	933	2528	2480	2426	2426	2426
DYNAMIC BRAKE FORCE:	34534#	53988#	48601#	32400#	24300#	19440#
DYNAMIC H.P. AT RAIL:	460	2159	3888	3888	3888	3888

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
98	GM108		69'	195T		M380	28"	12X50"	COMP/PL	J1.8

DYNAMIC BRAKES: NONE

TRANSITION SPEED: 20 MPH

SPEED (MPH):	5	15	30	45	60	75
ENGINE TRACTIVE FORCE:	136558#	135078#	134353#	101248#	75934#	60748#
ENGINE H.P. AT RAIL:	1820	5427	10748	12148	12148	12148
DYNAMIC BRAKE FORCE:	0#	0#	0#	0#	0#	0#
DYNAMIC H.P. AT RAIL:	0	0	0	0	0	0

QCM D-96-E/O/-R

STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S SETTING	BRAKES TRN IND PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES FORE	AFT	L/V RATIO
-----> USE WIDE CARRIAGE FORMAT FOR OUTPUT DATA										
-----> PRINT OUT (AT LEAST) EVERY 10 SECONDS										
-----> USE 80 P.S.I. BRAKE PIPE PRESSURE										
-----> LEAKAGE = 2 P.S.I. PER MINUTE										
-----> PRINT OUT FORCES ON VEHICLE 1										
-----> PRINT OUT FORCES ON VEHICLE 2										
-----> PRINT OUT FORCES ON VEHICLE 3										
-----> PRINT OUT FORCES ON VEHICLE 22										
-----> PRINT OUT FORCES ON VEHICLE 41										
-----> PRINT OUT FORCES ON VEHICLE 60										
-----> PRINT OUT FORCES ON VEHICLE 78										
-----> PRINT OUT FORCES ON VEHICLE 98										
-----> PRINT OUT FORCES ON VEHICLE 99										
-----> PRINT OUT FORCES ON VEHICLE 100										
-----> SAND										
-----> RUN 1										
-----> CONTINUE FOR 280 SECONDS										
-----> TRAIN STARTING AT -0.30% GRADE										
O: 0:	0	182.880	0	0	0	0	0	0	0	0
		182.868								
		182.855								
		182.711								
		182.567								
		182.424								
		182.280								
		182.138								
HELPERS		182.128								
		182.115								
O: 0: 10		182.881	0	1	0	0	0	0	0	0
		182.869								
		182.857								
		182.713								
		182.569								
		182.425								
		182.281								
		182.137								
HELPERS		182.130								
		182.116								
O: 0: 20		182.886	0	2	0	0	0	0	0	0
		182.873								
		182.861								
		182.717								
		182.573								
		182.429								
		182.285								
		182.141								
HELPERS		182.134								
		182.121								
-----> RUN 1										
-----> CONTINUE FOR 280 SECONDS										
-----> TRAIN STARTING AT -0.30% GRADE										
O: 0:	0	182.880	0	0	0	0	0	0	0	0
		182.868								
		182.855								
		182.711								
		182.567								
		182.424								
		182.280								
		182.138								
HELPERS		182.128								
		182.115								
O: 0: 10		182.881	0	1	0	0	0	0	0	0
		182.869								
		182.857								
		182.713								
		182.569								
		182.425								
		182.281								
		182.137								
HELPERS		182.130								
		182.116								
O: 0: 20		182.886	0	2	0	0	0	0	0	0
		182.873								
		182.861								
		182.717								
		182.573								
		182.429								
		182.285								
		182.141								
HELPERS		182.134								
		182.121								
-----> RUN 1										
-----> CONTINUE FOR 280 SECONDS										
-----> TRAIN STARTING AT -0.30% GRADE										
O: 0:	0	182.880	0	0	0	0	0	0	0	0
		182.868								
		182.855								
		182.711								
		182.567								
		182.424								
		182.280								
		182.138								
HELPERS		182.128								
		182.115								
O: 0: 10		182.881	0	1	0	0	0	0	0	0
		182.869								
		182.857								
		182.713								
		182.569								
		182.425								
		182.281								
		182.137								
HELPERS		182.130								
		182.116								
O: 0: 20		182.886	0	2	0	0	0	0	0	0
		182.873								
		182.861								
		182.717								
		182.573								
		182.429								
		182.285								
		182.141								
HELPERS		182.134								
		182.121								
-----> RUN 1										
-----> CONTINUE FOR 280 SECONDS										
-----> TRAIN STARTING AT -0.30% GRADE										
O: 0:	0	182.880	0	0	0	0	0	0	0	0
		182.868								
		182.855								
		182.711								
		182.567								
		182.424								
		182.280								
		182.138								
HELPERS		182.128								
		182.115								
O: 0: 10		182.881	0	1	0	0	0	0	0	0
		182.869								
		182.857								
		182.713								
		182.569								
		182.425								
		182.281								
		182.137								
HELPERS		182.130								
		182.116								
O: 0: 20		182.886	0	2	0	0	0	0	0	0
		182.873								
		182.861								
		182.717								
		182.573								
		182.429								
		182.285								
		182.141								
HELPERS		182.134								
		182.121								
-----> RUN 1										
-----> CONTINUE FOR 280 SECONDS										
-----> TRAIN STARTING AT -0.30% GRADE										
O: 0:	0	182.880	0	0	0	0	0	0	0	0
		182.868								
		182.855								
		182.711								
		182.567								
		182.424								
		182.280								
		182.138								
HELPERS		182.128								
		182.115								
O: 0: 10		182.881	0	1	0	0	0	0	0	0
		182.869								
		182.857								
		182.713								
		182.569								
		182.425								
		182.281								
		182.137								
HELPERS		182.130								
		182.116								
O: 0: 20		182.886	0	2	0	0	0	0	0	0
		182.873								
		182.861								
		182.717								
		182.573								
		182.429								
		182.285								
		182.141								
HELPERS		182.134								
		182.121								
-----> RUN 1										
-----> CONTINUE FOR 280 SECONDS										
-----> TRAIN STARTING AT -0.30% GRADE										
O: 0:	0	182.880	0	0	0	0	0	0	0	0
		182.868								
		182.855								
		182.711								
		182.567								
		182.424								
		182.280								
		182.138								
HELPERS		182.128								
		182.115								
O: 0: 10		182.881	0	1	0	0	0	0	0	0
		182.869								
		182.857								
		182.713								
		182.569								
		182.425								
		182.281								
		182.137								
HELPERS		182.130								
		182.116								
O: 0: 20		182.886	0	2	0	0	0	0	0	0
		182.873								
		182.861								
		182.717								
		182.573								
		182.429								
		182.285								
		182.141								
HELPERS		182.134								
		182.121								
-----> RUN 1										
-----> CONTINUE FOR 280 SECONDS										
-----> TRAIN STARTING AT -0.30% GRADE										
O: 0:	0	182.880	0	0	0	0	0	0	0	0
		182.868								
		182.855								
		182.711								
		182.567								
		182.424								
		182.280								
		182.138								
HELPERS		182.128								
		182.115								
O: 0: 10		182.881	0	1	0	0	0	0	0	0
		182.869								
		182.857								

STATION TIME	MP	SPEED LMT	THRTLE RUN	AMPS	SETTING	BRAKES TRN IND PIPE CYL	PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	AFT	
0: 0:30	182.893	0	3	RUN	1	278	REL	REL	80#	0#	0#	0#	0.00
	182.880								80#	0#	0#	0#	0.00
	182.868								80#	0#	0#	0#	0.00
	182.724								80#	0#	0#	0#	0.10
	182.580								80#	0#	0#	0#	0.10
	182.438								80#	0#	0#	0#	0.10
	182.292								80#	0#	0#	0#	0.09
	182.148								80#	0#	0#	0#	0.05
HELPERS	182.141								80#	0#	0#	0#	0.05
	182.128								80#	0#	0#	0#	0.04
-----> TRAIN ENTERING-0.31 % GRADE													
0: 0:40	182.902	0	4	RUN	1	250	REL	REL	80#	0#	0#	0#	0.00
	182.890								80#	0#	0#	0#	0.00
	182.878								80#	0#	0#	0#	0.00
	182.734								80#	0#	0#	0#	0.10
	182.590								80#	0#	0#	0#	0.10
	182.448								80#	0#	0#	0#	0.10
	182.302								80#	0#	0#	0#	0.11
	182.158								80#	0#	0#	0#	0.06
HELPERS	182.150								80#	0#	0#	0#	0.05
	182.137								80#	0#	0#	0#	0.04
0: 0:50	182.914	0	5	RUN	1	222	REL	REL	80#	0#	0#	0#	0.00
	182.902								80#	0#	0#	0#	0.00
	182.889								80#	0#	0#	0#	0.00
	182.745								80#	0#	0#	0#	0.10
	182.601								80#	0#	0#	0#	0.10
	182.457								80#	0#	0#	0#	0.09
	182.313								80#	0#	0#	0#	0.11
	182.170								80#	0#	0#	0#	0.06
HELPERS	182.162								80#	0#	0#	0#	0.05
	182.149								80#	0#	0#	0#	0.04
0: 1: 0	182.928	0	5	RUN	1	201	REL	REL	80#	0#	0#	0#	0.00
	182.915								80#	0#	0#	0#	0.00
	182.903								80#	0#	0#	0#	0.00
	182.759								80#	0#	0#	0#	0.10
	182.615								80#	0#	0#	0#	0.09
	182.471								80#	0#	0#	0#	0.09
	182.327								80#	0#	0#	0#	0.11
	182.183								80#	0#	0#	0#	0.06
HELPERS	182.176								80#	0#	0#	0#	0.05
	182.163								80#	0#	0#	0#	0.04

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
						TRN	IND PIPE				FORWARD	AFT	
O: 1:10	182.944	0	8	RUN	1	185	REL REL	-31:99 .11:89	1	SD40	0 KIPS	11 KIPS	0.00
	182.931								2	SD40	11 KIPS	22 KIPS	0.00
	182.919								3	GONDOLA	22 KIPS	22 KIPS	0.00
	182.775								22	GONDOLA	14 KIPS	13 KIPS	0.10
	182.631								41	GONDOLA	18 KIPS	18 KIPS	0.08
HELPERS	182.487								60	GONDOLA	-10 KIPS	-11 KIPS	0.09
	182.343								79	GONDOLA	-22 KIPS	-22 KIPS	0.10
	182.198								98	GONDOLA	-31 KIPS	-31 KIPS	0.05
	182.192		RUN	1	255	REL REL			99	GM10B	-15 KIPS	-15 KIPS	0.05
	182.179								100	GM6C	0 KIPS	0 KIPS	0.04
O: 1:20	182.962	0	7	RUN	1	173	REL REL	-31:99 .11:93	1	SD40	0 KIPS	10 KIPS	0.00
	182.950								2	SD40	10 KIPS	20 KIPS	0.00
	182.937								3	GONDOLA	20 KIPS	20 KIPS	0.00
	182.793								22	GONDOLA	14 KIPS	13 KIPS	0.10
	182.649								41	GONDOLA	4 KIPS	4 KIPS	0.09
HELPERS	182.505								60	GONDOLA	-8 KIPS	-9 KIPS	0.09
	182.381								79	GONDOLA	-20 KIPS	-21 KIPS	0.10
	182.217								98	GONDOLA	-31 KIPS	-31 KIPS	0.05
	182.210		RUN	1	255	REL REL			99	GM10B	-15 KIPS	-15 KIPS	0.05
	182.197								100	GM6C	0 KIPS	0 KIPS	0.04
O: 1:30	182.982	0	8	RUN	1	162	REL REL	-31:99 .11:94	1	SD40	0 KIPS	9 KIPS	0.00
	182.970								2	SD40	9 KIPS	18 KIPS	0.00
	182.957								3	GONDOLA	18 KIPS	18 KIPS	0.00
	182.813								22	GONDOLA	12 KIPS	12 KIPS	0.09
	182.669								41	GONDOLA	-18 KIPS	-18 KIPS	0.08
HELPERS	182.525								60	GONDOLA	-11 KIPS	-12 KIPS	0.09
	182.381								79	GONDOLA	-21 KIPS	-22 KIPS	0.10
	182.238								98	GONDOLA	-31 KIPS	-31 KIPS	0.05
	182.230		RUN	1	255	REL REL			99	GM10B	-15 KIPS	-15 KIPS	0.05
	182.217								100	GM6C	0 KIPS	0 KIPS	0.04
O: 1:40	183.004	0	8	RUN	1	152	REL REL	-31:99 .11:97	1	SD40	0 KIPS	8 KIPS	0.00
	182.992								2	SD40	8 KIPS	15 KIPS	0.00
	182.979								3	SD40	15 KIPS	15 KIPS	0.00
	182.835								22	GONDOLA	10 KIPS	9 KIPS	0.09
	182.691								41	GONDOLA	-13 KIPS	-11 KIPS	0.09
HELPERS	182.547								60	GONDOLA	-12 KIPS	-13 KIPS	0.09
	182.403								79	GONDOLA	-22 KIPS	-22 KIPS	0.10
	182.260								98	GONDOLA	-31 KIPS	-31 KIPS	0.11
	182.252		RUN	1	255	REL REL			99	GM10B	-15 KIPS	-15 KIPS	0.06
	182.239								100	GM6C	0 KIPS	0 KIPS	0.04

STATION TIME	MP	SPEED LMT	THTLT RUN	AMPS	SETTING	REL	CYL	PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
												DRUMBAR FORCES FORE	AFT	
O: 1:50	183.028	0	9	RUN	1	144	REL	REL	80# 0#	1	SD40	0 KIPS	7 KIPS	0.00
	183.015								80# 0#	2	SD40	7 KIPS	14 KIPS	0.00
	183.003								80# 0#	3	GONDOLA	14 KIPS	13 KIPS	0.00
	182.859								80# 0#	22	GONDOLA	8 KIPS	8 KIPS	0.09
	182.715								80# 0#	41	GONDOLA	-3 KIPS	-4 KIPS	0.09
HELPERS	182.571								80# 0#	60	GONDOLA	-12 KIPS	-13 KIPS	0.08
	182.427								80# 0#	79	GONDOLA	-21 KIPS	-22 KIPS	0.10
	182.283								80# 0#	99	GONDOLA	-30 KIPS	-31 KIPS	0.11
	182.263								80# 0#	100	GM10B	-31 KIPS	-15 KIPS	0.14
	183.053	0	10	RUN	1	139	REL	REL	80# 0#	1	SD40	0 KIPS	6 KIPS	0.00
O: 2:0	183.041								80# 0#	2	SD40	8 KIPS	12 KIPS	0.00
	183.029								80# 0#	3	GONDOLA	12 KIPS	12 KIPS	0.00
	182.885								80# 0#	22	GONDOLA	9 KIPS	9 KIPS	0.00
	182.741								80# 0#	41	GONDOLA	16 KIPS	15 KIPS	0.08
	182.597								80# 0#	60	GONDOLA	-11 KIPS	-12 KIPS	0.08
HELPERS	182.453								80# 0#	79	GONDOLA	-20 KIPS	-21 KIPS	0.10
	182.309								80# 0#	98	GONDOLA	-29 KIPS	-30 KIPS	0.11
	182.302								80# 0#	99	GONDOLA	-30 KIPS	-14 KIPS	0.14
	182.288								80# 0#	100	GM10B	-14 KIPS	0 KIPS	0.14
	183.081	0	10	RUN	1	135	REL	REL	80# 0#	1	SD40	0 KIPS	6 KIPS	0.00
O: 2:10	183.069								80# 0#	2	SD40	6 KIPS	12 KIPS	0.00
	183.056								80# 0#	3	GONDOLA	12 KIPS	12 KIPS	0.00
	182.913								80# 0#	22	GONDOLA	9 KIPS	9 KIPS	0.00
	182.769								80# 0#	41	GONDOLA	9 KIPS	11 KIPS	0.09
	182.625								80# 0#	60	GONDOLA	-9 KIPS	-9 KIPS	0.09
HELPERS	182.481								80# 0#	79	GONDOLA	-19 KIPS	-19 KIPS	0.10
	182.337								80# 0#	98	GONDOLA	-28 KIPS	-30 KIPS	0.11
	182.329								80# 0#	99	GM10B	-30 KIPS	-14 KIPS	0.14
	182.316								80# 0#	100	GM10B	-14 KIPS	0 KIPS	0.14
	183.111	0	11	RUN	1	131	REL	REL	80# 0#	1	SD40	0 KIPS	6 KIPS	0.00
O: 2:20	183.098								80# 0#	2	SD40	6 KIPS	11 KIPS	0.00
	183.086								80# 0#	3	GONDOLA	11 KIPS	11 KIPS	0.00
	182.942								80# 0#	22	GONDOLA	9 KIPS	9 KIPS	0.00
	182.798								80# 0#	41	GONDOLA	3 KIPS	3 KIPS	0.09
	182.654								80# 0#	60	GONDOLA	-8 KIPS	-8 KIPS	0.09
HELPERS	182.510								80# 0#	79	GONDOLA	-18 KIPS	-19 KIPS	0.10
	182.366								80# 0#	98	GONDOLA	-28 KIPS	-29 KIPS	0.11
	182.359								80# 0#	99	GM10B	-29 KIPS	-14 KIPS	0.14
	182.346								80# 0#	100	GM10B	-14 KIPS	0 KIPS	0.14

QCM D-98-E/O/-R

PAGE NO 9

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS REL	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE	FOR SPECIFIED VEHICLES DRAWBAR FORCES AFT	L/V RATIO
0: 2:30	183.142	0	12	RUN	1	127	REL	REL	80#	0#	1	SD40	0 KIPS	5 KIPS	0.00
	183.130								80#	0#	2	SD40	10 KIPS	10 KIPS	0.00
	183.117								80#	0#	3	GONDOLA	10 KIPS	10 KIPS	0.00
	182.973								80#	0#	22	GONDOLA	8 KIPS	7 KIPS	0.00
	182.829								80#	0#	41	GONDOLA	3 KIPS	2 KIPS	0.08
	182.685								80#	0#	60	GONDOLA	-9 KIPS	-9 KIPS	0.09
	182.542								80#	0#	79	GONDOLA	-19 KIPS	-19 KIPS	0.10
	182.398								80#	0#	98	GONDOLA	-29 KIPS	-29 KIPS	0.11
HELPERS	182.390								80#	0#	99	GM10B	-14 KIPS	-14 KIPS	0.14
	182.377								80#	0#	100	GM8C	0 KIPS	0 KIPS	0.14
0: 2:40	183.175	0	12	RUN	1	255	REL	REL	80#	0#	1	SD40	0 KIPS	5 KIPS	0.00
	183.163								80#	0#	2	SD40	10 KIPS	10 KIPS	0.00
	183.151								80#	0#	3	GONDOLA	9 KIPS	9 KIPS	0.00
	183.007								80#	0#	22	GONDOLA	8 KIPS	5 KIPS	0.00
	182.863								80#	0#	41	GONDOLA	1 KIPS	-8 KIPS	0.09
	182.719								80#	0#	60	GONDOLA	-9 KIPS	-10 KIPS	0.09
	182.575								80#	0#	79	GONDOLA	-19 KIPS	-20 KIPS	0.10
	182.431								80#	0#	98	GONDOLA	-28 KIPS	-28 KIPS	0.11
HELPERS	182.423								80#	0#	99	GM10B	-14 KIPS	-14 KIPS	0.14
	182.410								80#	0#	100	GM8C	0 KIPS	0 KIPS	0.14
0: 2:50	183.210	0	13	RUN	1	121	REL	REL	80#	0#	1	SD40	4 KIPS	4 KIPS	0.00
	183.198								80#	0#	2	SD40	9 KIPS	9 KIPS	0.00
	183.186								80#	0#	3	GONDOLA	8 KIPS	9 KIPS	0.00
	183.042								80#	0#	22	GONDOLA	4 KIPS	4 KIPS	0.00
	182.898								80#	0#	41	GONDOLA	4 KIPS	0 KIPS	0.00
	182.754								80#	0#	60	GONDOLA	-9 KIPS	-9 KIPS	0.09
	182.610								80#	0#	79	GONDOLA	-19 KIPS	-19 KIPS	0.10
	182.466								80#	0#	98	GONDOLA	-28 KIPS	-28 KIPS	0.10
HELPERS	182.458								80#	0#	99	GM10B	-14 KIPS	-14 KIPS	0.14
	182.445								80#	0#	100	GM8C	0 KIPS	0 KIPS	0.13
0: 3: 0	183.247	0	14	RUN	1	118	REL	REL	80#	0#	1	SD40	4 KIPS	4 KIPS	0.00
	183.235								80#	0#	2	SD40	8 KIPS	8 KIPS	0.00
	183.223								80#	0#	3	GONDOLA	8 KIPS	8 KIPS	0.00
	183.079								80#	0#	22	GONDOLA	4 KIPS	4 KIPS	0.00
	182.935								80#	0#	41	GONDOLA	5 KIPS	5 KIPS	0.00
	182.791								80#	0#	60	GONDOLA	-8 KIPS	-8 KIPS	0.09
	182.647								80#	0#	79	GONDOLA	-18 KIPS	-18 KIPS	0.10
	182.503								80#	0#	98	GONDOLA	-28 KIPS	-28 KIPS	0.10
HELPERS	182.495								80#	0#	99	GM10B	-13 KIPS	-13 KIPS	0.14
	182.482								80#	0#	100	GM8C	0 KIPS	0 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN	IND	PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0: 3:10	183.280	0	14	RUN	1	116	REL	REL	80#	0#	0#	0#	0.00
	183.274								80#	0#	0#	0#	0.00
	183.262								80#	0#	0#	0#	0.00
	183.118								80#	0#	0#	0#	0.00
	182.974								80#	0#	0#	0#	0.00
HELPERS	182.830								80#	0#	0#	0#	0.00
	182.866								80#	0#	0#	0#	0.00
	182.542								80#	0#	0#	0#	0.00
	182.534								80#	0#	0#	0#	0.00
	182.521								80#	0#	0#	0#	0.00
0: 3:20	183.327	0	15	RUN	1	114	REL	REL	80#	0#	0#	0#	0.00
	183.315								80#	0#	0#	0#	0.00
	183.303								80#	0#	0#	0#	0.00
	183.159								80#	0#	0#	0#	0.00
	183.015								80#	0#	0#	0#	0.00
HELPERS	182.871								80#	0#	0#	0#	0.00
	182.727								80#	0#	0#	0#	0.00
	182.583								80#	0#	0#	0#	0.00
	182.575								80#	0#	0#	0#	0.00
	182.562								80#	0#	0#	0#	0.00
0: 3:30	183.370	0	16	RUN	1	112	REL	REL	80#	0#	0#	0#	0.00
	183.358								80#	0#	0#	0#	0.00
	183.346								80#	0#	0#	0#	0.00
	183.202								80#	0#	0#	0#	0.00
	183.058								80#	0#	0#	0#	0.00
HELPERS	182.914								80#	0#	0#	0#	0.00
	182.770								80#	0#	0#	0#	0.00
	182.626								80#	0#	0#	0#	0.00
	182.618								80#	0#	0#	0#	0.00
	182.605								80#	0#	0#	0#	0.00
0: 3:40	183.415	0	17	RUN	1	110	REL	REL	80#	0#	0#	0#	0.00
	183.403								80#	0#	0#	0#	0.00
	183.380								80#	0#	0#	0#	0.00
	183.247								80#	0#	0#	0#	0.00
	183.103								80#	0#	0#	0#	0.00
HELPERS	182.959								80#	0#	0#	0#	0.00
	182.815								80#	0#	0#	0#	0.00
	182.671								80#	0#	0#	0#	0.00
	182.663								80#	0#	0#	0#	0.00
	182.650								80#	0#	0#	0#	0.00

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES AFT	FORE	
O: 3:50	183.462	0	17	RUN	1	108	REL	REL	80#	O#	0 KIPS	3 KIPS	0.00
	183.450								80#	O#	3 KIPS	6 KIPS	0.00
	183.437								80#	O#	6 KIPS	8 KIPS	0.00
	183.284								22	GONDOLA	-14 KIPS	-16 KIPS	0.00
	183.150								41	GONDOLA	-8 KIPS	-8 KIPS	0.00
	183.008								80	GONDOLA	-11 KIPS	-11 KIPS	0.01
	182.882								79	GONDOLA	-16 KIPS	-16 KIPS	0.09
	182.718								98	GONDOLA	-28 KIPS	-28 KIPS	0.10
	182.710								99	GONDOLA	-13 KIPS	-13 KIPS	0.13
	182.697								100	GM6C	0 KIPS	0 KIPS	0.13
HELPERS	182.710	RUN	1	251	REL	REL			1	SD40	0 KIPS	3 KIPS	0.00
	183.511								2	SD40	3 KIPS	6 KIPS	0.00
	183.499								3	GONDOLA	5 KIPS	5 KIPS	0.00
	183.486								22	GONDOLA	-2 KIPS	-2 KIPS	0.00
	183.343								41	GONDOLA	-7 KIPS	-7 KIPS	0.00
	183.199								60	GONDOLA	-12 KIPS	-12 KIPS	0.01
	183.055								79	GONDOLA	-17 KIPS	-17 KIPS	0.02
	182.911								98	GONDOLA	-27 KIPS	-27 KIPS	0.10
	182.767								99	GONDOLA	-12 KIPS	-12 KIPS	0.13
	182.746								100	GM6C	0 KIPS	0 KIPS	0.12
O: 4:10	183.582								1	SD40	0 KIPS	3 KIPS	0.00
	183.550								2	SD40	3 KIPS	5 KIPS	0.00
	183.538								3	GONDOLA	5 KIPS	5 KIPS	0.00
	183.394								22	GONDOLA	-1 KIPS	-1 KIPS	0.00
	183.250								41	GONDOLA	-7 KIPS	-7 KIPS	0.00
	183.108								60	GONDOLA	-13 KIPS	-13 KIPS	0.01
	182.962								79	GONDOLA	-19 KIPS	-19 KIPS	0.02
	182.818								98	GONDOLA	-28 KIPS	-28 KIPS	0.10
	182.797								99	GONDOLA	-27 KIPS	-27 KIPS	0.13
	182.787								100	GM6C	0 KIPS	0 KIPS	0.12
HELPERS	182.810	RUN	1	250	REL	REL			1	SD40	0 KIPS	3 KIPS	0.00
	183.616								2	SD40	3 KIPS	5 KIPS	0.00
	183.603								3	GONDOLA	5 KIPS	5 KIPS	0.00
	183.591								22	GONDOLA	0 KIPS	-1 KIPS	0.00
	183.447								41	GONDOLA	-7 KIPS	-7 KIPS	0.01
	183.303								60	GONDOLA	-13 KIPS	-13 KIPS	0.02
	183.159								79	GONDOLA	-20 KIPS	-20 KIPS	0.02
	183.015								98	GONDOLA	-27 KIPS	-27 KIPS	0.10
	182.871								99	GONDOLA	-12 KIPS	-12 KIPS	0.13
	182.864								100	GM6C	0 KIPS	0 KIPS	0.12
O: 4:20	183.616	RUN	1	103	REL	REL			1	SD40	0 KIPS	3 KIPS	0.00
	183.603								2	SD40	3 KIPS	5 KIPS	0.00
	183.591								3	GONDOLA	5 KIPS	5 KIPS	0.00
	183.447								22	GONDOLA	0 KIPS	-1 KIPS	0.00
	183.303								41	GONDOLA	-7 KIPS	-7 KIPS	0.01
	183.159								60	GONDOLA	-13 KIPS	-13 KIPS	0.02
	183.015								79	GONDOLA	-20 KIPS	-20 KIPS	0.02
	182.871								98	GONDOLA	-27 KIPS	-27 KIPS	0.10
	182.864								99	GONDOLA	-12 KIPS	-12 KIPS	0.13
	182.851								100	GM6C	0 KIPS	0 KIPS	0.12

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
O: 4:30	183.871	0	20	RUN 1	102	REL	REL	80# 0#	1	SD40	0 KIPS	3 KIPS	0.00
	183.858							80# 0#	2	SD40	3 KIPS	5 KIPS	0.00
	183.846							80# 0#	3	GONDOLA	5 KIPS	5 KIPS	0.00
	183.802							80# 0#	22	GONDOLA	-8 KIPS	-7 KIPS	0.00
	183.359							80# 0#	41	GONDOLA	-7 KIPS	-8 KIPS	0.01
HELPERS	183.215							80# 0#	60	GONDOLA	-14 KIPS	-14 KIPS	0.02
	183.071							80# 0#	79	GONDOLA	-20 KIPS	-21 KIPS	0.02
	182.927							80# 0#	98	GONDOLA	-27 KIPS	-27 KIPS	0.05
	182.919							80# 0#	99	GONDOLA	-27 KIPS	-12 KIPS	0.05
	182.908							80# 0#	100	GM10B	-12 KIPS	0 KIPS	0.11
O: 4:40	183.729	0	21	RUN 1	100	REL	REL	80# 0#	1	SD40	0 KIPS	2 KIPS	0.00
	183.716							80# 0#	2	SD40	2 KIPS	5 KIPS	0.00
	183.704							80# 0#	3	GONDOLA	5 KIPS	5 KIPS	0.00
	183.560							80# 0#	22	GONDOLA	-1 KIPS	-1 KIPS	0.00
	183.416							80# 0#	41	GONDOLA	-7 KIPS	-7 KIPS	0.01
HELPERS	183.272							80# 0#	60	GONDOLA	-13 KIPS	-14 KIPS	0.02
	183.128							80# 0#	79	GONDOLA	-20 KIPS	-20 KIPS	0.02
	182.984							80# 0#	98	GONDOLA	-27 KIPS	-27 KIPS	0.05
	182.977							80# 0#	99	GM10B	-27 KIPS	-14 KIPS	0.05
	182.964							80# 0#	100	GM10B	-14 KIPS	0 KIPS	0.03
-----> RUN 2													
O: 4:41	183.734	0	21	RUN 2	108	REL	REL	80# 0#	1	SD40	0 KIPS	2 KIPS	0.00
	183.722							80# 0#	2	SD40	2 KIPS	5 KIPS	0.00
	183.710							80# 0#	3	GONDOLA	5 KIPS	4 KIPS	0.00
	183.568							80# 0#	22	GONDOLA	-1 KIPS	-1 KIPS	0.00
	183.422							80# 0#	41	GONDOLA	-7 KIPS	-7 KIPS	0.01
HELPERS	183.278							80# 0#	60	GONDOLA	-14 KIPS	-14 KIPS	0.02
	183.134							80# 0#	79	GONDOLA	-20 KIPS	-20 KIPS	0.02
	182.990							80# 0#	98	GONDOLA	-27 KIPS	-27 KIPS	0.05
	182.983							80# 0#	99	GM10B	-27 KIPS	-12 KIPS	0.05
	182.969							80# 0#	100	GM10B	-12 KIPS	0 KIPS	0.03
O: 4:50	183.758	0	22	RUN 2	145	REL	REL	80# 0#	1	SD40	0 KIPS	5 KIPS	0.00
	183.778							80# 0#	2	SD40	5 KIPS	10 KIPS	0.00
	183.764							80# 0#	3	GONDOLA	10 KIPS	10 KIPS	0.00
	183.620							80# 0#	22	GONDOLA	-7 KIPS	-8 KIPS	0.00
	183.478							80# 0#	41	GONDOLA	-15 KIPS	-15 KIPS	0.02
HELPERS	183.332							80# 0#	60	GONDOLA	-28 KIPS	-28 KIPS	0.03
	183.188							80# 0#	79	GONDOLA	-40 KIPS	-41 KIPS	0.05
	183.044							80# 0#	98	GONDOLA	-53 KIPS	-54 KIPS	0.08
	183.038							80# 0#	99	GM10B	-54 KIPS	-24 KIPS	0.08
	183.023							80# 0#	100	GM10B	-24 KIPS	0 KIPS	0.06

-----> TRAIN ENTERING 3.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS	SETTING TRN INO PIPE CYL	BRAKES	(AND LOCATION) MAXIMUMS KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRUMBAR FORCES FORE	AFT	
O: 5: 0	183.851 183.836 183.826 183.892 183.538 183.395 183.251	0	23	RUN 2	143 REL	80# 80# 80# 80# 80# 80# 80#	-54:99 . 12:1	1 2 3 22 41 60	SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA GONDOLA	0 KIPS 5 KIPS 10 KIPS -7 KIPS -18 KIPS -29 KIPS -41 KIPS	5 KIPS 10 KIPS 9 KIPS -6 KIPS -18 KIPS -29 KIPS -54 KIPS	0.12 0.12 0.09 0.00 0.02 0.03 0.08
HELPERS	183.107 183.099 183.086			RUN 2	429 REL	80# 80# 80#		98 99 100	GONDOLA GONDOLA GM10B	-41 KIPS -53 KIPS -24 KIPS	-54 KIPS -24 KIPS 0 KIPS	0.09 0.09 0.08
O: 5: 10	183.917 183.904 183.892 183.748 183.604 183.460 183.316	0	24	RUN 2	141 REL	80# 80# 80# 80# 80# 80# 80#	-53:99 . 12:2	1 2 3 22 41 60	SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA GONDOLA	0 KIPS 4 KIPS 9 KIPS -8 KIPS -20 KIPS -30 KIPS -41 KIPS	4 KIPS 9 KIPS 8 KIPS -8 KIPS -20 KIPS -31 KIPS -42 KIPS	0.12 0.12 0.09 0.01 0.02 0.04 0.05
HELPERS	183.172 183.165 183.152			RUN 2	426 REL	80# 80# 80#		98 99 100	GONDOLA GONDOLA GM10B	-53 KIPS -23 KIPS -23 KIPS	-53 KIPS -23 KIPS 0 KIPS	0.08 0.08 0.08
O: 5: 20	183.985 183.972 183.960 183.816 183.672 183.528 183.384	0	25	RUN 2	125 REL	80# 80# 80# 80# 80# 80# 80#	-53:99 . 12:2	1 2 3 22 41 60	SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA GONDOLA	0 KIPS 4 KIPS 8 KIPS -13 KIPS -23 KIPS -33 KIPS -42 KIPS	4 KIPS 8 KIPS 7 KIPS -14 KIPS -24 KIPS -33 KIPS -52 KIPS	0.12 0.12 0.09 0.08 0.03 0.05 0.08
HELPERS	183.240 183.233 183.220			RUN 2	423 REL	80# 80# 80#		98 99 100	GONDOLA GONDOLA GM10B	-52 KIPS -23 KIPS -23 KIPS	-52 KIPS -23 KIPS 0 KIPS	0.08 0.08 0.08
SDG M	184.000											
O: 5: 22	183.988 183.975 183.831 183.687 183.544 183.400 183.256	0	25	RUN 2	138 REL	80# 80# 80# 80# 80# 80# 80#	-52:99 . 12:2	1 2 3 22 41 60 98	SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA GM10B	0 KIPS 3 KIPS 6 KIPS -13 KIPS -24 KIPS -33 KIPS -43 KIPS	3 KIPS 6 KIPS 7 KIPS -14 KIPS -24 KIPS -43 KIPS -52 KIPS	0.12 0.12 0.08 0.08 0.03 0.05 0.08
HELPERS	183.248 183.235			RUN 2	422 REL	80# 80#		98 100	GM10B GMBC	-52 KIPS -23 KIPS	-52 KIPS 0 KIPS	0.08 0.05

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE KIPS	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO		
											FORE	AFT			
0: 5:30	184.058	0	26	RUN 2	138	REL	REL	80# 0#	-52:99	12:2	1	SD40	0 KIPS	5 KIPS	0.12
	184.043							80# 0#			2	SD40	5 KIPS	10 KIPS	0.12
	184.031							80# 0#			3	GONDOLA	10 KIPS	13 KIPS	0.09
	183.887							80# 0#			22	GONDOLA	-12 KIPS	-24 KIPS	0.03
	183.743							80# 0#			41	GONDOLA	-23 KIPS	-33 KIPS	0.03
	183.599							80# 0#			60	GONDOLA	-33 KIPS	-43 KIPS	0.04
	183.455							80# 0#			79	GONDOLA	-42 KIPS	-52 KIPS	0.05
	183.311							80# 0#			98	GONDOLA	-52 KIPS	-23 KIPS	0.09
	183.304							80# 0#			99	GM10B	0 KIPS	5 KIPS	0.05
	183.291							80# 0#	-51:99	09:42	100	GM6C	0 KIPS	9 KIPS	0.00
0: 5:37	184.110							80# 0#			1	SD40	5 KIPS	9 KIPS	0.00
	184.098							80# 0#			2	SD40	9 KIPS	-5 KIPS	0.08
	184.085							80# 0#			3	GONDOLA	-18 KIPS	-20 KIPS	0.09
	183.941							80# 0#			22	GONDOLA	-30 KIPS	-40 KIPS	0.03
	183.797							80# 0#			41	GONDOLA	-40 KIPS	-51 KIPS	0.05
	183.654							80# 0#			60	GONDOLA	-51 KIPS	-22 KIPS	0.09
	183.510							80# 0#			79	GONDOLA	0 KIPS	0 KIPS	0.05
	183.366							80# 0#			98	GM10B	-22 KIPS	0 KIPS	0.05
	183.358							80# 0#			99	GM6C	0 KIPS	4 KIPS	0.00
	183.345							80# 0#	-51:99	09:43	100	SD40	4 KIPS	8 KIPS	0.00
0: 5:38	184.117	0	27	RUN 4	149	REL	REL	80# 0#			1	SD40	0 KIPS	-3 KIPS	0.08
	184.105							80# 0#			2	SD40	9 KIPS	-19 KIPS	0.09
	184.093							80# 0#			3	GONDOLA	-2 KIPS	-30 KIPS	0.03
	183.949							80# 0#			22	GONDOLA	-40 KIPS	-51 KIPS	0.05
	183.805							80# 0#			41	GONDOLA	-50 KIPS	-22 KIPS	0.09
	183.661							80# 0#			60	GONDOLA	-22 KIPS	0 KIPS	0.05
	183.517							80# 0#			79	GONDOLA	0 KIPS	3 KIPS	0.00
	183.373							80# 0#			98	GM10B	8 KIPS	8 KIPS	0.00
	183.366							80# 0#			99	GM6C	-2 KIPS	-3 KIPS	0.08
	183.352							80# 0#			100	SD40	-20 KIPS	-31 KIPS	0.04
0: 5:39	184.125	0	27	RUN 4	160	REL	REL	80# 0#	-54:99	09:98	1	SD40	0 KIPS	-43 KIPS	0.05
	184.113							80# 0#			2	SD40	3 KIPS	-54 KIPS	0.09
	184.100							80# 0#			3	GONDOLA	-23 KIPS	0 KIPS	0.06
	183.956							80# 0#			22	GONDOLA	0 KIPS	4 KIPS	0.00
	183.812							80# 0#			41	GONDOLA	8 KIPS	8 KIPS	0.00
	183.668							80# 0#			60	GONDOLA	-2 KIPS	-3 KIPS	0.08
	183.524							80# 0#			79	GONDOLA	-19 KIPS	-20 KIPS	0.09
	183.381							80# 0#			98	GONDOLA	-31 KIPS	-43 KIPS	0.05
	183.373							80# 0#			99	GONDOLA	-43 KIPS	-54 KIPS	0.09
	183.360							80# 0#			100	GM10B	-54 KIPS	-23 KIPS	0.08
-----> TRAIN ENTERING 1.31 % GRADE															

STATION TIME	MP	SPEED LMT	THLE RUN	AMPS REL	SETTING REL	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	AFT	
O: 5:40	184.129	0	27	RUN	4	183	REL	REL	1	SD40	0 KIPS	1 KIPS	0.00
	184.117					80#	0#	-80:99 .10:98	2	SD40	1 KIPS	8 KIPS	0.00
	184.104					80#	0#		3	GONDOLA	8 KIPS	8 KIPS	0.00
	183.980					80#	0#		22	GONDOLA	-2 KIPS	-3 KIPS	0.08
	183.817					80#	0#		41	GONDOLA	-20 KIPS	-21 KIPS	0.08
	183.673					80#	0#		60	GONDOLA	-34 KIPS	-35 KIPS	0.04
	183.529					80#	0#		79	GONDOLA	-47 KIPS	-48 KIPS	0.05
	183.385					80#	0#		98	GONDOLA	-59 KIPS	-60 KIPS	0.10
	183.377					80#	0#		99	GM10B	-60 KIPS	-26 KIPS	0.10
	183.364					80#	0#		100	GM6C	-28 KIPS	0 KIPS	0.06
O: 5:50	184.206	0	28	RUN	4	308	REL	REL	1	SD40	0 KIPS	13 KIPS	0.00
	184.193					80#	0#	-103:99 .18:98	2	SD40	13 KIPS	26 KIPS	0.00
	184.181					80#	0#		3	GONDOLA	26 KIPS	22 KIPS	0.00
	184.037					80#	0#		22	GONDOLA	-34 KIPS	-35 KIPS	0.08
	183.893					80#	0#		41	GONDOLA	-53 KIPS	-54 KIPS	0.11
	183.749					80#	0#		60	GONDOLA	-72 KIPS	-73 KIPS	0.08
	183.605					80#	0#		79	GONDOLA	-87 KIPS	-88 KIPS	0.10
	183.481					80#	0#		98	GONDOLA	-103 KIPS	-103 KIPS	0.18
	183.454					80#	0#		99	GM10B	-103 KIPS	-48 KIPS	0.17
	183.441					80#	0#		100	GM6C	-46 KIPS	0 KIPS	0.11
-----> TRAIN ENTERING 3.50 DEGREE CURVE													
O: 6: 0	184.285	0	29	RUN	4	298	REL	REL	1	SD40	0 KIPS	61 KIPS	0.10
	184.273					80#	0#	-104:99 .18:98	2	SD40	61 KIPS	-74 KIPS	0.12
	184.261					80#	0#		3	GONDOLA	-74 KIPS	-68 KIPS	0.08
	184.117					80#	0#		22	GONDOLA	-59 KIPS	-59 KIPS	0.07
	183.973					80#	0#		41	GONDOLA	-89 KIPS	-70 KIPS	0.14
	183.829					80#	0#		60	GONDOLA	-84 KIPS	-84 KIPS	0.16
	183.685					80#	0#		79	GONDOLA	-94 KIPS	-84 KIPS	0.10
	183.541					80#	0#		98	GONDOLA	-103 KIPS	-104 KIPS	0.18
	183.533					80#	0#		99	GM10B	-104 KIPS	-48 KIPS	0.17
	183.520					80#	0#		100	GM6C	-48 KIPS	0 KIPS	0.11
O: 6:10	184.367	0	30	RUN	4	294	REL	REL	1	SD40	0 KIPS	12 KIPS	0.10
	184.355					80#	0#	-105:76 .19:75	2	SD40	12 KIPS	25 KIPS	0.12
	184.342					80#	0#		3	GONDOLA	25 KIPS	21 KIPS	0.08
	184.199					80#	0#		22	GONDOLA	-73 KIPS	-77 KIPS	0.09
	184.055					80#	0#		41	GONDOLA	-98 KIPS	-98 KIPS	0.16
	183.911					80#	0#		60	GONDOLA	-101 KIPS	-101 KIPS	0.18
	183.767					80#	0#		79	GONDOLA	-104 KIPS	-104 KIPS	0.12
	183.623					80#	0#		98	GONDOLA	-104 KIPS	-104 KIPS	0.18
	183.615					80#	0#		99	GM10B	-104 KIPS	-48 KIPS	0.17
	183.602					80#	0#		100	GM6C	-48 KIPS	0 KIPS	0.11

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO			
					SETTING IND	PIPE CYL				FORE	AFT				
O: 6:19	184.440	0	30	RUN	4	292	REL REL	80# 0#	-122:43	.20:85	1	SD40	0 KIPS	13 KIPS	0.10
	184.428							80# 0#			2	SD40	13 KIPS	25 KIPS	0.12
	184.415							80# 0#			3	GONDOLA	25 KIPS	22 KIPS	0.08
	184.271							80# 0#			22	GONDOLA	-65 KIPS	-69 KIPS	0.17
	184.127							80# 0#			41	GONDOLA	-118 KIPS	-121 KIPS	0.13
	183.984							80# 0#			60	GONDOLA	-115 KIPS	-115 KIPS	0.20
	183.840							80# 0#			79	GONDOLA	-112 KIPS	-112 KIPS	0.19
	183.696							80# 0#			98	GONDOLA	-105 KIPS	-104 KIPS	0.18
	183.688							80# 0#			99	GM10B	-104 KIPS	-46 KIPS	0.17
	183.675							80# 0#			100	GM6C	-46 KIPS	0 KIPS	0.11
-----> RUN 6															
O: 6:20	184.448	0	30	RUN	6	307	REL REL	80# 0#	-123:44	.20:86	1	SD40	0 KIPS	12 KIPS	0.10
	184.436							80# 0#			2	SD40	12 KIPS	24 KIPS	0.12
	184.424							80# 0#			3	GONDOLA	24 KIPS	21 KIPS	0.08
	184.280							80# 0#			22	GONDOLA	-47 KIPS	-51 KIPS	0.14
	184.136							80# 0#			41	GONDOLA	-117 KIPS	-120 KIPS	0.13
	183.992							80# 0#			60	GONDOLA	-115 KIPS	-115 KIPS	0.20
	183.848							80# 0#			79	GONDOLA	-111 KIPS	-111 KIPS	0.19
	183.704							80# 0#			98	GONDOLA	-104 KIPS	-103 KIPS	0.17
	183.696							80# 0#			99	GM10B	-103 KIPS	-45 KIPS	0.17
	183.683							80# 0#			100	GM6C	-45 KIPS	0 KIPS	0.10
O: 6:20	184.450	0	30	RUN	6	308	REL REL	80# 0#	-126:45	.20:87	1	SD40	0 KIPS	12 KIPS	0.10
	184.438							80# 0#			2	SD40	12 KIPS	24 KIPS	0.12
	184.425							80# 0#			3	GONDOLA	24 KIPS	21 KIPS	0.08
	184.281							80# 0#			22	GONDOLA	-48 KIPS	-50 KIPS	0.14
	184.137							80# 0#			41	GONDOLA	-116 KIPS	-118 KIPS	0.13
	183.994							80# 0#			60	GONDOLA	-117 KIPS	-117 KIPS	0.20
	183.850							80# 0#			79	GONDOLA	-112 KIPS	-111 KIPS	0.19
	183.706							80# 0#			98	GONDOLA	-103 KIPS	-102 KIPS	0.18
	183.698							80# 0#			99	GM10B	-102 KIPS	-44 KIPS	0.17
	183.685							80# 0#			100	GM6C	-44 KIPS	0 KIPS	0.10
O: 6:21	184.458	0	30	RUN	6	324	REL REL	80# 0#	-132:45	.21:87	1	SD40	0 KIPS	13 KIPS	0.10
	184.446							80# 0#			2	SD40	13 KIPS	25 KIPS	0.12
	184.434							80# 0#			3	GONDOLA	25 KIPS	22 KIPS	0.08
	184.290							80# 0#			22	GONDOLA	-50 KIPS	-54 KIPS	0.15
	184.146							80# 0#			41	GONDOLA	-119 KIPS	-123 KIPS	0.13
	184.002							80# 0#			60	GONDOLA	-124 KIPS	-123 KIPS	0.20
	183.856							80# 0#			79	GONDOLA	-118 KIPS	-118 KIPS	0.20
	183.714							80# 0#			98	GONDOLA	-110 KIPS	-110 KIPS	0.18
	183.706							80# 0#			99	GM10B	-110 KIPS	-48 KIPS	0.18
	183.693							80# 0#			100	GM6C	-48 KIPS	0 KIPS	0.11
HELPERS															

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	BRAKES PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
O: 6:30	184.533	0	30	RUN	6	460	REL	REL	1	SD40	0 KIPS	26 KIPS	0.10
	184.521								2	SD40	26 KIPS	51 KIPS	0.14
	184.509								3	GONDOLA	51 KIPS	48 KIPS	0.13
	184.385								22	GONDOLA	-52 KIPS	-56 KIPS	0.15
	184.221								41	GONDOLA	-129 KIPS	-129 KIPS	0.14
	184.077								60	GONDOLA	-152 KIPS	-152 KIPS	0.21
	183.933								78	GONDOLA	-153 KIPS	-153 KIPS	0.23
	183.789								98	GONDOLA	-154 KIPS	-154 KIPS	0.26
	183.781								99	GM108	-154 KIPS	-67 KIPS	0.25
	183.768								100	GM6C	-87 KIPS	0 KIPS	0.18
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
O: 6:40	184.817	0	30	RUN	6	458	REL	REL	1	SD40	0 KIPS	26 KIPS	0.10
	184.609								2	SD40	26 KIPS	51 KIPS	0.14
	184.592								3	GONDOLA	51 KIPS	48 KIPS	0.13
	184.448								22	GONDOLA	-33 KIPS	-37 KIPS	0.12
	184.304								41	GONDOLA	-103 KIPS	-107 KIPS	0.22
	184.160								60	GONDOLA	-170 KIPS	-171 KIPS	0.19
	184.016								78	GONDOLA	-166 KIPS	-165 KIPS	0.25
	183.873								98	GONDOLA	-155 KIPS	-155 KIPS	0.32
	183.865								99	GM108	-155 KIPS	-87 KIPS	0.25
	183.852								100	GM6C	-87 KIPS	0 KIPS	0.20
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
O: 6:50	184.700	0	30	RUN	6	466	REL	REL	1	SD40	0 KIPS	27 KIPS	0.12
	184.688								2	SD40	27 KIPS	53 KIPS	0.13
	184.675								3	GONDOLA	53 KIPS	51 KIPS	0.15
	184.531								22	GONDOLA	-23 KIPS	-27 KIPS	0.09
	184.387								41	GONDOLA	-91 KIPS	-94 KIPS	0.20
	184.244								60	GONDOLA	-155 KIPS	-158 KIPS	0.25
	184.100								78	GONDOLA	-174 KIPS	-173 KIPS	0.19
	183.956								98	GONDOLA	-156 KIPS	-155 KIPS	0.28
	183.948								99	GM108	-155 KIPS	-67 KIPS	0.21
	183.935								100	GM6C	-67 KIPS	0 KIPS	0.18
O: 7: 0	184.782	0	28	RUN	6	471	REL	REL	1	SD40	0 KIPS	27 KIPS	0.10
	184.769								2	SD40	27 KIPS	54 KIPS	0.13
	184.757								3	GONDOLA	54 KIPS	51 KIPS	0.14
	184.613								22	GONDOLA	-14 KIPS	-18 KIPS	0.08
	184.469								41	GONDOLA	-68 KIPS	-72 KIPS	0.17
	184.325								60	GONDOLA	-128 KIPS	-131 KIPS	0.24
	184.181								78	GONDOLA	-181 KIPS	-180 KIPS	0.20
	184.037								98	GONDOLA	-181 KIPS	-159 KIPS	0.28
	184.030								99	GM108	-159 KIPS	-68 KIPS	0.26
	184.017								100	GM6C	-68 KIPS	0 KIPS	0.18
-----> TRAIN ENTERING 11.11 DEGREE CURVE													
O: 7: 10	184.017	0	28	RUN	6	471	REL	REL	1	SD40	0 KIPS	27 KIPS	0.10
	184.004								2	SD40	27 KIPS	54 KIPS	0.13
	183.991								3	GONDOLA	54 KIPS	51 KIPS	0.14
	183.847								22	GONDOLA	-14 KIPS	-18 KIPS	0.08
	183.703								41	GONDOLA	-68 KIPS	-72 KIPS	0.17
	183.559								60	GONDOLA	-128 KIPS	-131 KIPS	0.24
	183.415								78	GONDOLA	-181 KIPS	-180 KIPS	0.20
	183.271								98	GONDOLA	-181 KIPS	-159 KIPS	0.28
	183.127								99	GM108	-159 KIPS	-68 KIPS	0.26
	183.017								100	GM6C	-68 KIPS	0 KIPS	0.18

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	IND	PIPE	REL	REL	REL	MAXIMUMS (AND LOCATION) CYL KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES FORE	AFT	L/V RATIO
0: 7:10	184.861	0	28	RUN	8	487	REL	REL	REL	80# 0# -178.88 .27:98	1	SD40	0 KIPS	30 KIPS	0.10
	184.848									80# 0#	2	SD40	30 KIPS	60 KIPS	0.15
	184.838									80# 0#	3	GONDOLA	60 KIPS	57 KIPS	0.17
	184.822									80# 0#	22	GONDOLA	30 KIPS	-33 KIPS	0.08
	184.848									80# 0#	41	GONDOLA	-52 KIPS	-55 KIPS	0.14
	184.404									80# 0#	60	GONDOLA	-105 KIPS	-108 KIPS	0.21
	184.260									80# 0#	78	GONDOLA	-156 KIPS	-159 KIPS	0.25
	184.118									80# 0#	98	GONDOLA	-163 KIPS	-161 KIPS	0.27
HELPERS	184.108									80# 0#	99	GM108	-161 KIPS	-70 KIPS	0.26
	184.096									80# 0#	100	GM6C	-70 KIPS	0 KIPS	0.16
-----> TRAIN ENTERING 0.00 DEGREE CURVE															
-----> TRAIN ENTERING 2.50 DEGREE CURVE															
0: 7:20	184.836	0	27	RUN	8	508	REL	REL	REL	80# 0# -161.98 .27:98	1	SD40	0 KIPS	32 KIPS	0.11
	184.924									80# 0#	2	SD40	32 KIPS	63 KIPS	0.15
	184.912									80# 0#	3	GONDOLA	63 KIPS	61 KIPS	0.17
	184.768									80# 0#	22	GONDOLA	19 KIPS	16 KIPS	0.08
	184.824									80# 0#	41	GONDOLA	-27 KIPS	-29 KIPS	0.09
	184.480									80# 0#	60	GONDOLA	-73 KIPS	-76 KIPS	0.17
	184.336									80# 0#	79	GONDOLA	-120 KIPS	-122 KIPS	0.22
	184.192									80# 0#	98	GONDOLA	-161 KIPS	-161 KIPS	0.27
HELPERS	184.184									80# 0#	99	GM108	-161 KIPS	-70 KIPS	0.26
	184.171									80# 0#	100	GM6C	-70 KIPS	0 KIPS	0.16
0: 7:30	185.008	0	25	RUN	8	525	REL	REL	REL	80# 0# -155.99 .34:98	1	SD40	0 KIPS	33 KIPS	0.07
	184.986									80# 0#	2	SD40	33 KIPS	66 KIPS	0.12
	184.983									80# 0#	3	GONDOLA	66 KIPS	64 KIPS	0.14
	184.838									80# 0#	22	GONDOLA	23 KIPS	21 KIPS	0.09
	184.895									80# 0#	41	GONDOLA	-25 KIPS	-28 KIPS	0.11
	184.552									80# 0#	60	GONDOLA	-68 KIPS	-68 KIPS	0.16
	184.408									80# 0#	79	GONDOLA	-109 KIPS	-111 KIPS	0.21
	184.264									80# 0#	98	GONDOLA	-152 KIPS	-155 KIPS	0.34
HELPERS	184.258									80# 0#	99	GM108	-155 KIPS	-68 KIPS	0.27
	184.243									80# 0#	100	GM6C	-68 KIPS	0 KIPS	0.18
0: 7:40	185.076	0	24	RUN	8	543	REL	REL	REL	80# 0# -156.99 .29:98	1	SD40	0 KIPS	35 KIPS	0.07
	185.064									80# 0#	2	SD40	35 KIPS	70 KIPS	0.12
	185.052									80# 0#	3	GONDOLA	70 KIPS	67 KIPS	0.12
	184.908									80# 0#	22	GONDOLA	28 KIPS	26 KIPS	0.10
	184.764									80# 0#	41	GONDOLA	-22 KIPS	-24 KIPS	0.10
	184.620									80# 0#	60	GONDOLA	-63 KIPS	-66 KIPS	0.15
	184.478									80# 0#	79	GONDOLA	-108 KIPS	-110 KIPS	0.21
	184.332									80# 0#	98	GONDOLA	-153 KIPS	-156 KIPS	0.29
HELPERS	184.324									80# 0#	99	GM108	-156 KIPS	-68 KIPS	0.22
	184.311									80# 0#	100	GM6C	-68 KIPS	0 KIPS	0.18

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 566	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0: 7:50	185.141	0	23	RUN	8	566	REL	REL	80#	0#	1	SD40	0 KIPS	0.07
	185.128								80#	0#	2	SD40	36 KIPS	0.11
	185.116								80#	0#	3	GONDOLA	71 KIPS	0.10
	184.972								80#	0#	22	GONDOLA	89 KIPS	0.05
	184.828								80#	0#	41	GONDOLA	28 KIPS	0.10
	184.684								80#	0#	60	GONDOLA	-32 KIPS	0.18
	184.540								80#	0#	79	GONDOLA	-74 KIPS	0.21
	184.396								80#	0#	98	GONDOLA	-114 KIPS	0.29
HELPERS	184.389								80#	0#	99	GONDOLA	-157 KIPS	0.22
	184.378								80#	0#	100	GM10B	-160 KIPS	0.19
0: 8: 0	185.202	0	21	RUN	8	569	REL	REL	80#	0#	1	SD40	0 KIPS	0.07
	185.189								80#	0#	2	SD40	39 KIPS	0.11
	185.177								80#	0#	3	GONDOLA	78 KIPS	0.08
	185.033								80#	0#	22	GONDOLA	34 KIPS	0.08
	184.889								80#	0#	41	GONDOLA	-29 KIPS	0.10
	184.745								80#	0#	60	GONDOLA	-73 KIPS	0.18
	184.601								80#	0#	78	GONDOLA	-114 KIPS	0.21
HELPERS	184.457								80#	0#	98	GONDOLA	-159 KIPS	0.29
	184.450								80#	0#	99	GM10B	-162 KIPS	0.20
0: 8: 10	184.437	0	20	RUN	8	624	REL	REL	80#	0#	1	SD40	0 KIPS	0.15
	185.260								80#	0#	2	SD40	41 KIPS	0.08
	185.247								80#	0#	3	GONDOLA	82 KIPS	0.11
	185.235								80#	0#	22	GONDOLA	39 KIPS	0.08
	185.081								80#	0#	41	GONDOLA	-15 KIPS	0.08
	184.947								80#	0#	60	GONDOLA	-64 KIPS	0.15
	184.803								80#	0#	78	GONDOLA	-115 KIPS	0.22
	184.659								80#	0#	98	GONDOLA	-162 KIPS	0.29
HELPERS	184.515								80#	0#	99	GM10B	-164 KIPS	0.21
	184.508								80#	0#	100	GM6C	-73 KIPS	0.16
0: 8: 20	185.315	0	19	RUN	8	645	REL	REL	80#	0#	1	SD40	0 KIPS	0.08
	185.302								80#	0#	2	SD40	43 KIPS	0.12
	185.290								80#	0#	3	GONDOLA	86 KIPS	0.08
	185.146								80#	0#	22	GONDOLA	39 KIPS	0.08
	185.002								80#	0#	41	GONDOLA	-22 KIPS	0.07
	184.858								80#	0#	60	GONDOLA	-89 KIPS	0.16
	184.714								80#	0#	79	GONDOLA	-118 KIPS	0.23
HELPERS	184.570								80#	0#	98	GONDOLA	-163 KIPS	0.29
	184.563								80#	0#	99	GM10B	-166 KIPS	0.21
	184.550								80#	0#	100	GM6C	-75 KIPS	0.17

STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S	SETTING TRN IND PIPE	PRESSURE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRABBAR FORCES FORE	DRABBAR FORCES AFT	
O: 8:30	185.368	0	18	RUN 6	695	REL	REL	1	SD40	0 KIPS	47 KIPS	0.08
	185.354							2	SD40	47 KIPS	95 KIPS	0.10
	185.342							3	GONDOLA	95 KIPS	93 KIPS	0.07
	185.198							22	GONDOLA	53 KIPS	50 KIPS	0.06
	185.054							41	GONDOLA	44 KIPS	39 KIPS	0.06
	184.910							80	GONDOLA	-58 KIPS	-81 KIPS	0.13
	184.766							79	GONDOLA	-112 KIPS	-115 KIPS	0.22
	184.622							98	GONDOLA	-185 KIPS	-168 KIPS	0.29
	184.615							99	GM10B	-168 KIPS	-76 KIPS	0.27
	184.601							100	GM6C	-76 KIPS	0 KIPS	0.18
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
O: 8:40	185.416	0	17	RUN 6	720	REL	REL	1	SD40	0 KIPS	48 KIPS	0.08
	185.403							2	SD40	48 KIPS	98 KIPS	0.15
	185.391							3	GONDOLA	98 KIPS	95 KIPS	0.13
	185.247							22	GONDOLA	48 KIPS	48 KIPS	0.06
	185.103							41	GONDOLA	-41 KIPS	-39 KIPS	0.07
	184.959							60	GONDOLA	-89 KIPS	-71 KIPS	0.14
	184.815							78	GONDOLA	-118 KIPS	-120 KIPS	0.22
	184.671							98	GONDOLA	-167 KIPS	-170 KIPS	0.35
	184.664							99	GM10B	-170 KIPS	-78 KIPS	0.40
	184.651							100	GM6C	-78 KIPS	0 KIPS	0.28
O: 8:50	185.463	0	16	RUN 6	757	REL	REL	1	SD40	0 KIPS	53 KIPS	0.06
	185.450							2	SD40	53 KIPS	107 KIPS	0.10
	185.438							3	GONDOLA	107 KIPS	104 KIPS	0.10
	185.294							22	GONDOLA	61 KIPS	58 KIPS	0.07
	185.150							41	GONDOLA	37 KIPS	34 KIPS	0.07
	185.006							60	GONDOLA	-66 KIPS	-69 KIPS	0.13
	184.862							78	GONDOLA	-118 KIPS	-118 KIPS	0.22
	184.718							98	GONDOLA	-167 KIPS	-170 KIPS	0.35
	184.711							99	GM10B	-170 KIPS	-78 KIPS	0.40
	184.698							100	GM6C	-78 KIPS	0 KIPS	0.28
-----> TRAIN ENTERING 3.00 DEGREE CURVE												
O: 9: 0	185.507	0	16	RUN 6	796	REL	REL	1	SD40	0 KIPS	55 KIPS	0.16
	185.495							2	SD40	55 KIPS	110 KIPS	0.22
	185.483							3	GONDOLA	110 KIPS	108 KIPS	0.18
	185.339							22	GONDOLA	63 KIPS	60 KIPS	0.07
	185.195							41	GONDOLA	-28 KIPS	-31 KIPS	0.07
	185.051							60	GONDOLA	-62 KIPS	-65 KIPS	0.13
	184.907							78	GONDOLA	-114 KIPS	-117 KIPS	0.23
	184.763							98	GONDOLA	-168 KIPS	-171 KIPS	0.38
	184.756							99	GM10B	-171 KIPS	-78 KIPS	0.40
	184.742							100	GM6C	-78 KIPS	0 KIPS	0.28
-----> TRAIN ENTERING 3.00 DEGREE CURVE												
O: 9: 0	185.507	0	16	RUN 6	796	REL	REL	1	SD40	0 KIPS	55 KIPS	0.16
	185.495							2	SD40	55 KIPS	110 KIPS	0.22
	185.483							3	GONDOLA	110 KIPS	108 KIPS	0.18
	185.339							22	GONDOLA	63 KIPS	60 KIPS	0.07
	185.195							41	GONDOLA	-28 KIPS	-31 KIPS	0.07
	185.051							60	GONDOLA	-62 KIPS	-65 KIPS	0.13
	184.907							78	GONDOLA	-114 KIPS	-117 KIPS	0.23
	184.763							98	GONDOLA	-168 KIPS	-171 KIPS	0.38
	184.756							99	GM10B	-171 KIPS	-78 KIPS	0.40
	184.742							100	GM6C	-78 KIPS	0 KIPS	0.28

STATION TIME	MP	SPEED LMT RUN	THTLT TRN	AMPS IN	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
O: 9:10	185.550	0	15	RUN	6	818	REL	REL	80#	0#	0#	0#
	185.538								80#	0#	0#	0#
	185.526								80#	0#	0#	0#
	185.382								80#	0#	0#	0#
	185.238								80#	0#	0#	0#
HELPERS	185.084								80#	0#	0#	0#
	184.950								80#	0#	0#	0#
	184.808								80#	0#	0#	0#
	184.785								80#	0#	0#	0#
	185.591								80#	0#	0#	0#
O: 9:20	185.579								80#	0#	0#	0#
	185.567								80#	0#	0#	0#
	185.423								80#	0#	0#	0#
	185.279								80#	0#	0#	0#
	185.135								80#	0#	0#	0#
HELPERS	184.991								80#	0#	0#	0#
	184.847								80#	0#	0#	0#
	184.839								80#	0#	0#	0#
	184.826								80#	0#	0#	0#
	185.631								80#	0#	0#	0#
O: 9:30	185.618								80#	0#	0#	0#
	185.606								80#	0#	0#	0#
	185.462								80#	0#	0#	0#
	185.318								80#	0#	0#	0#
	185.174								80#	0#	0#	0#
HELPERS	185.030								80#	0#	0#	0#
	184.888								80#	0#	0#	0#
	184.879								80#	0#	0#	0#
	184.866								80#	0#	0#	0#
	185.689								80#	0#	0#	0#
-----> TRAIN ENTERING 0.53 % GRADE												
O: 9:40	185.656	0	13	RUN	6	908	REL	REL	80#	0#	0#	0#
	185.644								80#	0#	0#	0#
	185.500								80#	0#	0#	0#
	185.356								80#	0#	0#	0#
	185.212								80#	0#	0#	0#
HELPERS	185.068								80#	0#	0#	0#
	184.924								80#	0#	0#	0#
	184.917								80#	0#	0#	0#
	184.904								80#	0#	0#	0#
	185.689								80#	0#	0#	0#
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
O: 9:40	185.689	0	13	RUN	6	908	REL	REL	80#	0#	0#	0#
	185.644								80#	0#	0#	0#
	185.500								80#	0#	0#	0#
	185.356								80#	0#	0#	0#
	185.212								80#	0#	0#	0#
HELPERS	185.068								80#	0#	0#	0#
	184.924								80#	0#	0#	0#
	184.917								80#	0#	0#	0#
	184.904								80#	0#	0#	0#
	185.689								80#	0#	0#	0#

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE KIPS	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0: 9:50	185.706	0	13	RUN	8	910	REL	REL	80#	0#	0#	0#	0.12
	185.693								80#	0#	0#	0#	0.20
	185.681								80#	0#	0#	0#	0.14
	185.537								80#	0#	0#	0#	0.08
	185.393								80#	0#	0#	0#	0.07
	185.249								80#	0#	0#	0#	0.10
	185.105								80#	0#	0#	0#	0.18
	184.981								80#	0#	0#	0#	0.30
	184.854								80#	0#	0#	0#	0.25
	184.941								80#	0#	0#	0#	0.24
0: 10: 0	185.742	0	13	RUN	8	910	REL	REL	80#	0#	0#	0#	0.00
	185.729								80#	0#	0#	0#	0.03
	185.717								80#	0#	0#	0#	0.08
	185.573								80#	0#	0#	0#	0.08
	185.429								80#	0#	0#	0#	0.08
	185.285								80#	0#	0#	0#	0.10
	185.141								80#	0#	0#	0#	0.30
	184.997								80#	0#	0#	0#	0.23
	184.990								80#	0#	0#	0#	0.21
	184.977								80#	0#	0#	0#	0.00
0: 10: 10	185.777	0	13	RUN	8	910	REL	REL	80#	0#	0#	0#	0.00
	185.765								80#	0#	0#	0#	0.00
	185.752								80#	0#	0#	0#	0.00
	185.608								80#	0#	0#	0#	0.08
	185.464								80#	0#	0#	0#	0.08
	185.321								80#	0#	0#	0#	0.08
	185.177								80#	0#	0#	0#	0.17
	185.033								80#	0#	0#	0#	0.30
	185.025								80#	0#	0#	0#	0.23
	185.012								80#	0#	0#	0#	0.21
0: 10: 20	185.812	0	13	RUN	8	910	REL	REL	80#	0#	0#	0#	0.10
	185.800								80#	0#	0#	0#	0.02
	185.787								80#	0#	0#	0#	0.00
	185.643								80#	0#	0#	0#	0.08
	185.500								80#	0#	0#	0#	0.08
	185.356								80#	0#	0#	0#	0.08
	185.212								80#	0#	0#	0#	0.17
	185.068								80#	0#	0#	0#	0.30
	185.080								80#	0#	0#	0#	0.23
	185.047								80#	0#	0#	0#	0.21

-----> TRAIN ENTERING 3.00 DEGREE CURVE

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:10:30	185.847	0	13	RUN	6	910	REL REL	80#	0#	87 KIPS	87 KIPS	0.18
	185.835							80#	0#	135 KIPS	135 KIPS	0.28
	185.822							80#	0#	133 KIPS	133 KIPS	0.21
	185.878							80#	0#	108 KIPS	108 KIPS	0.09
	185.534							80#	0#	47 KIPS	47 KIPS	0.08
HELPERS	185.390							80#	0#	-36 KIPS	-36 KIPS	0.08
	185.247							80#	0#	-101 KIPS	-101 KIPS	0.17
	185.103							80#	0#	-174 KIPS	-174 KIPS	0.30
	185.082							80#	0#	-83 KIPS	-83 KIPS	0.23
	185.882							80#	0#	0 KIPS	0 KIPS	0.21
0:10:40	185.870	0	13	RUN	6	910	REL REL	80#	0#	87 KIPS	87 KIPS	0.12
	185.857							80#	0#	135 KIPS	135 KIPS	0.12
	185.713							80#	0#	133 KIPS	133 KIPS	0.09
	185.599							80#	0#	107 KIPS	107 KIPS	0.10
	185.425							80#	0#	48 KIPS	48 KIPS	0.08
HELPERS	185.282							80#	0#	-32 KIPS	-32 KIPS	0.07
	185.138							80#	0#	-102 KIPS	-102 KIPS	0.17
	185.130							80#	0#	-174 KIPS	-174 KIPS	0.28
	185.117							80#	0#	-82 KIPS	-82 KIPS	0.23
	185.917	0	13	RUN	6	910	REL REL	80#	0#	0 KIPS	0 KIPS	0.21
0:10:50	185.805							80#	0#	87 KIPS	87 KIPS	0.12
	185.893							80#	0#	134 KIPS	134 KIPS	0.12
	185.749							80#	0#	132 KIPS	132 KIPS	0.09
	185.605							80#	0#	97 KIPS	97 KIPS	0.00
	185.481							80#	0#	53 KIPS	53 KIPS	0.08
HELPERS	185.317							80#	0#	-32 KIPS	-32 KIPS	0.04
	185.173							80#	0#	-104 KIPS	-104 KIPS	0.17
	185.165							80#	0#	-175 KIPS	-175 KIPS	0.28
	185.152							80#	0#	-83 KIPS	-83 KIPS	0.23
	185.953	0	13	RUN	6	910	REL REL	80#	0#	0 KIPS	0 KIPS	0.21
0:11: 0	185.941							80#	0#	87 KIPS	87 KIPS	0.12
	185.928							80#	0#	134 KIPS	134 KIPS	0.12
	185.784							80#	0#	133 KIPS	133 KIPS	0.09
	185.640							80#	0#	100 KIPS	100 KIPS	0.00
	185.497							80#	0#	89 KIPS	89 KIPS	0.08
HELPERS	185.353							80#	0#	-21 KIPS	-21 KIPS	0.08
	185.209							80#	0#	-91 KIPS	-91 KIPS	0.18
	185.201							80#	0#	-169 KIPS	-169 KIPS	0.18
	185.188							80#	0#	-173 KIPS	-173 KIPS	0.29
								80#	0#	-82 KIPS	-82 KIPS	0.23

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:11:10	185.989	0	13	RUN	6	910	REL	REL	80#	0#	0#	0#	0.12
	185.977								80#	0#	0#	0#	0.12
	185.965								80#	0#	0#	0#	0.09
	185.821								80#	0#	0#	0#	0.09
	185.677								80#	0#	0#	0#	0.08
HELPERS	185.533								80#	0#	0#	0#	0.09
	185.389								80#	0#	0#	0#	0.17
	185.245								80#	0#	0#	0#	0.28
	185.238								80#	0#	0#	0#	0.23
	185.224								80#	0#	0#	0#	0.21
0:11:20	186.027	0	14	RUN	6	907	REL	REL	80#	0#	0#	0#	0.12
	186.014								80#	0#	0#	0#	0.12
	186.002								80#	0#	0#	0#	0.09
	185.858								80#	0#	0#	0#	0.08
	185.714								80#	0#	0#	0#	0.08
HELPERS	185.570								80#	0#	0#	0#	0.08
	185.428								80#	0#	0#	0#	0.18
	185.282								80#	0#	0#	0#	0.28
	185.275								80#	0#	0#	0#	0.23
	185.262								80#	0#	0#	0#	0.21
0:11:30	186.065	0	14	RUN	6	879	REL	REL	80#	0#	0#	0#	0.12
	186.053								80#	0#	0#	0#	0.12
	186.041								80#	0#	0#	0#	0.08
	185.897								80#	0#	0#	0#	0.08
	185.753								80#	0#	0#	0#	0.08
HELPERS	185.609								80#	0#	0#	0#	0.08
	185.465								80#	0#	0#	0#	0.11
	185.321								80#	0#	0#	0#	0.29
	185.313								80#	0#	0#	0#	0.23
	185.300								80#	0#	0#	0#	0.21
0:11:40	186.105	0	14	RUN	6	861	REL	REL	80#	0#	0#	0#	0.12
	186.092								80#	0#	0#	0#	0.13
	186.080								80#	0#	0#	0#	0.09
	185.936								80#	0#	0#	0#	0.08
	185.792								80#	0#	0#	0#	0.08
HELPERS	185.648								80#	0#	0#	0#	0.08
	185.504								80#	0#	0#	0#	0.17
	185.360								80#	0#	0#	0#	0.29
	185.353								80#	0#	0#	0#	0.23
	185.340								80#	0#	0#	0#	0.20

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STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING TRN IND	BRAKES PIPE CYL	PRESSURE KIPS: CAR	MAXIMUMS (AND LOCATION) L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	AFT	
O:11:50	186.148	0	15	RUN 6	838	REL	REL	1	SD40	0 KIPS	62 KIPS	0.10
	186.133				80#	0#	-188:98	2	SD40	62 KIPS	124 KIPS	0.13
	186.121				80#	0#		3	GONDOLA	124 KIPS	124 KIPS	0.09
	185.977				80#	0#		22	GONDOLA	82 KIPS	80 KIPS	0.08
	185.833				80#	0#		41	GONDOLA	40 KIPS	38 KIPS	0.07
	185.689				80#	0#		60	GONDOLA	-20 KIPS	-20 KIPS	0.08
	185.545				80#	0#		78	GONDOLA	-85 KIPS	-80 KIPS	0.17
	185.401				80#	0#		98	GONDOLA	-184 KIPS	-188 KIPS	0.28
	185.394				80#	0#		98	GM108	-188 KIPS	-78 KIPS	0.22
	185.381				80#	0#		100	GM6C	-78 KIPS	0 KIPS	0.20
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
O:12:0	186.188	0	16	RUN 6	808	REL	REL	1	SD40	0 KIPS	59 KIPS	0.10
	186.176				80#	0#	-188:99	2	SD40	59 KIPS	119 KIPS	0.18
	186.163				80#	0#		3	GONDOLA	119 KIPS	117 KIPS	0.13
	186.020				80#	0#		22	GONDOLA	71 KIPS	69 KIPS	0.08
	185.878				80#	0#		41	GONDOLA	23 KIPS	21 KIPS	0.07
	185.732				80#	0#		80	GONDOLA	-24 KIPS	-28 KIPS	0.03
	185.588				80#	0#		79	GONDOLA	-85 KIPS	-89 KIPS	0.17
	185.444				80#	0#		98	GONDOLA	-184 KIPS	-168 KIPS	0.28
	185.436				80#	0#		99	GM108	-168 KIPS	-78 KIPS	0.27
	185.423				80#	0#	-187:99	100	GM6C	-78 KIPS	0 KIPS	0.18
O:12:10	186.220	0	16	RUN 6	783	REL	REL	1	SD40	0 KIPS	58 KIPS	0.00
	186.207				80#	0#	-187:99	2	SD40	58 KIPS	115 KIPS	0.01
	186.083				80#	0#		3	GONDOLA	115 KIPS	113 KIPS	0.07
	185.920				80#	0#		22	GONDOLA	68 KIPS	66 KIPS	0.08
	185.776				80#	0#		41	GONDOLA	22 KIPS	19 KIPS	0.07
	185.632				80#	0#		60	GONDOLA	-27 KIPS	-30 KIPS	0.03
	185.488				80#	0#		79	GONDOLA	-80 KIPS	-84 KIPS	0.18
	185.480				80#	0#		98	GONDOLA	-183 KIPS	-187 KIPS	0.28
	185.467				80#	0#		98	GM108	-187 KIPS	-77 KIPS	0.27
	186.278	0	17	RUN 6	756	REL	REL	100	GM6C	-77 KIPS	0 KIPS	0.18
O:12:20	186.265				80#	0#	-168:99	1	SD40	0 KIPS	55 KIPS	0.00
	186.253				80#	0#		2	SD40	55 KIPS	111 KIPS	0.00
	186.109				80#	0#		3	GONDOLA	111 KIPS	109 KIPS	0.00
	185.985				80#	0#		22	GONDOLA	66 KIPS	64 KIPS	0.08
	185.821				80#	0#		41	GONDOLA	20 KIPS	17 KIPS	0.07
	185.677				80#	0#		60	GONDOLA	-41 KIPS	-43 KIPS	0.10
	185.533				80#	0#		79	GONDOLA	-84 KIPS	-87 KIPS	0.17
	185.526				80#	0#		98	GONDOLA	-181 KIPS	-186 KIPS	0.34
	185.513				80#	0#		98	GM108	-186 KIPS	-78 KIPS	0.29
	185.513				80#	0#		100	GM6C	-78 KIPS	0 KIPS	0.21
-----> TRAIN ENTERING 0.98 % GRADE												

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 726	REL	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
						TRN	IND PIPE CYL				DRAWBAR FORCES FORE	AFT		
0:12:30	186.325	0	17	RUN 6	726	REL	80# 0#	-184:99 .29:98	1	SD40	0 KIPS	53 KIPS	0.00	
	186.313						80# 0#		2	SD40	53 KIPS	105 KIPS	0.00	
	186.301						80# 0#		3	GONDOLA	105 KIPS	103 KIPS	0.00	
	186.157						80# 0#		22	GONDOLA	58 KIPS	58 KIPS	0.07	
	186.013						80# 0#		41	GONDOLA	8 KIPS	5 KIPS	0.07	
	185.869						80# 0#		60	GONDOLA	-48 KIPS	-50 KIPS	0.11	
	185.725						80# 0#		79	GONDOLA	-95 KIPS	-97 KIPS	0.17	
HELPERS	185.581						80# 0#		98	GONDOLA	-164 KIPS	-164 KIPS	0.29	
	185.573						80# 0#		99	GM10B	-75 KIPS	-75 KIPS	0.23	
	185.560						80# 0#		100	GM6C	0 KIPS	0 KIPS	0.19	
	-----> TRAIN ENTERING 3.00 DEGREE CURVE													
0:12:40	186.375	0	18	RUN 6	702	REL	80# 0#	-182:99 .29:98	1	SD40	0 KIPS	48 KIPS	0.15	
	186.362						80# 0#		2	SD40	48 KIPS	97 KIPS	0.21	
	186.350						80# 0#		3	GONDOLA	97 KIPS	94 KIPS	0.16	
	186.206						80# 0#		22	GONDOLA	52 KIPS	49 KIPS	0.08	
	186.062						80# 0#		41	GONDOLA	-16 KIPS	-14 KIPS	0.07	
	185.918						80# 0#		60	GONDOLA	-59 KIPS	-61 KIPS	0.14	
	185.774						80# 0#		79	GONDOLA	-111 KIPS	-111 KIPS	0.12	
HELPERS	185.630						80# 0#		98	GONDOLA	-157 KIPS	-162 KIPS	0.23	
	185.623						80# 0#		99	GM10B	-182 KIPS	-74 KIPS	0.23	
	185.610						80# 0#		100	GM6C	-74 KIPS	0 KIPS	0.18	
	0:12:50	186.426	0	19	RUN 6	675	REL	80# 0#	-167:99 .30:98	1	SD40	0 KIPS	48 KIPS	0.10
	186.414						80# 0#		2	SD40	48 KIPS	92 KIPS	0.11	
	186.401						80# 0#		3	GONDOLA	92 KIPS	88 KIPS	0.08	
	186.257						80# 0#		22	GONDOLA	39 KIPS	37 KIPS	0.00	
	186.113						80# 0#		41	GONDOLA	-25 KIPS	-27 KIPS	0.00	
	185.969						80# 0#		60	GONDOLA	-73 KIPS	-75 KIPS	0.16	
	185.825						80# 0#		79	GONDOLA	-121 KIPS	-124 KIPS	0.21	
	185.682						80# 0#		98	GONDOLA	-164 KIPS	-167 KIPS	0.30	
HELPERS	185.674						80# 0#		99	GM10B	-76 KIPS	-76 KIPS	0.23	
	185.661						80# 0#		100	GM6C	0 KIPS	0 KIPS	0.18	
	0:13:00	186.479	0	19	RUN 6	654	REL	80# 0#	-167:99 .30:98	1	SD40	43 KIPS	87 KIPS	0.09
	186.467						80# 0#		2	SD40	43 KIPS	87 KIPS	0.11	
	186.454						80# 0#		3	GONDOLA	87 KIPS	83 KIPS	0.08	
	186.310						80# 0#		22	GONDOLA	22 KIPS	19 KIPS	0.00	
	186.166						80# 0#		41	GONDOLA	-24 KIPS	-27 KIPS	0.08	
	186.023						80# 0#		60	GONDOLA	-72 KIPS	-75 KIPS	0.16	
	185.879						80# 0#		79	GONDOLA	-120 KIPS	-123 KIPS	0.21	
	185.735						80# 0#		98	GONDOLA	-165 KIPS	-167 KIPS	0.30	
	185.727						80# 0#		99	GM10B	-75 KIPS	-75 KIPS	0.27	
HELPERS	185.714						80# 0#		100	GM6C	0 KIPS	0 KIPS	0.18	

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STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S	SETTING TRN IND PIPE	BRAKES CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
									DRAMBAR FORCES FORE	AFT					
0:13:10	186.534	0	20	RUN 6	640	REL REL	80#	0#	-168:99	.28:98	1	SD40	0 KIPS	42 KIPS	0.09
	186.521						80#	0#			2	SD40	42 KIPS	84 KIPS	0.11
	186.508						80#	0#			3	GONDOLA	84 KIPS	81 KIPS	0.08
	186.385						80#	0#			22	GONDOLA	20 KIPS	17 KIPS	0.07
	186.221						80#	0#			41	GONDOLA	-42 KIPS	-44 KIPS	0.05
	186.077						80#	0#			60	GONDOLA	-82 KIPS	-84 KIPS	0.17
HELPERS	185.933						80#	0#			78	GONDOLA	-124 KIPS	-128 KIPS	0.21
	185.788						80#	0#			98	GONDOLA	-166 KIPS	-168 KIPS	0.28
	185.782			RUN 6	1197	REL REL	80#	0#			99	GM108	-168 KIPS	-76 KIPS	0.27
	185.769						80#	0#			100	GM6C	0 KIPS	0 KIPS	0.18
	186.589	0	20	RUN 6	625	REL REL	80#	0#	-167:99	.37:99	1	SD40	40 KIPS	40 KIPS	0.09
	186.577						80#	0#			2	SD40	40 KIPS	81 KIPS	0.11
HELPERS	186.565						80#	0#			3	GONDOLA	81 KIPS	78 KIPS	0.08
	186.421						80#	0#			22	GONDOLA	22 KIPS	19 KIPS	0.07
	186.277						80#	0#			41	GONDOLA	-43 KIPS	-45 KIPS	0.05
	186.133						80#	0#			60	GONDOLA	-82 KIPS	-84 KIPS	0.17
	185.989						80#	0#			78	GONDOLA	-123 KIPS	-126 KIPS	0.21
	185.845						80#	0#			98	GONDOLA	-165 KIPS	-167 KIPS	0.32
0:13:30	185.837			RUN 6	1195	REL REL	80#	0#			99	GM108	-167 KIPS	-75 KIPS	0.37
	185.824						80#	0#			100	GM6C	-75 KIPS	0 KIPS	0.26
	186.646	0	20	RUN 6	628	REL REL	80#	0#	-165:99	.37:99	1	SD40	0 KIPS	42 KIPS	0.08
	186.633						80#	0#			2	SD40	42 KIPS	83 KIPS	0.11
	186.621						80#	0#			3	GONDOLA	83 KIPS	81 KIPS	0.08
	186.477						80#	0#			22	GONDOLA	39 KIPS	36 KIPS	0.07
HELPERS	186.333						80#	0#			41	GONDOLA	-38 KIPS	-41 KIPS	0.07
	186.189						80#	0#			60	GONDOLA	-76 KIPS	-79 KIPS	0.16
	186.045						80#	0#			78	GONDOLA	-119 KIPS	-121 KIPS	0.21
	185.901						80#	0#			98	GONDOLA	-162 KIPS	-165 KIPS	0.32
	185.894			RUN 6	968	REL REL	80#	0#			99	GM108	-165 KIPS	-74 KIPS	0.37
	185.881						80#	0#			100	GM6C	-74 KIPS	0 KIPS	0.26
-----> TRAIN ENTERING 0.00 DEGREE CURVE															
0:13:40	186.702	0	20	RUN 6	632	REL REL	80#	0#	-167:99	.38:99	1	SD40	0 KIPS	42 KIPS	0.09
	186.689						80#	0#			2	SD40	42 KIPS	84 KIPS	0.13
	186.677						80#	0#			3	GONDOLA	84 KIPS	82 KIPS	0.13
	186.533						80#	0#			22	GONDOLA	40 KIPS	-42 KIPS	0.07
	186.389						80#	0#			41	GONDOLA	-58 KIPS	-61 KIPS	0.14
	186.245						80#	0#			60	GONDOLA	-102 KIPS	-103 KIPS	0.11
HELPERS	186.101						80#	0#			78	GONDOLA	-132 KIPS	-134 KIPS	0.22
	185.957						80#	0#			98	GONDOLA	-165 KIPS	-167 KIPS	0.32
	185.950			RUN 6	1194	REL REL	80#	0#			99	GM108	-167 KIPS	-75 KIPS	0.38
	185.937						80#	0#			100	GM6C	-75 KIPS	0 KIPS	0.27

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS REL	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0:13:50	186.758	0	20	RUN	8	618	REL	REL	80#	0#	1	SD40	0 KIPS	0.01
	186.748								80#	0#	2	SD40	41 KIPS	0.12
	186.733								80#	0#	3	GONDOLA	82 KIPS	0.07
	186.590								80#	0#	22	GONDOLA	47 KIPS	0.07
	186.448								80#	0#	41	GONDOLA	50 KIPS	0.14
	186.302								80#	0#	60	GONDOLA	-80 KIPS	0.12
	186.158								80#	0#	78	GONDOLA	-107 KIPS	0.22
HELPERS	186.014								80#	0#	98	GONDOLA	-134 KIPS	0.32
	185.008								80#	0#	99	GONDOLA	-168 KIPS	0.38
0:14:0	185.993								80#	0#	100	GM108	-78 KIPS	0.27
	185.815								80#	0#	1	SD40	0 KIPS	0.00
	185.790								80#	0#	2	SD40	41 KIPS	0.00
	185.648								80#	0#	3	GONDOLA	83 KIPS	0.00
	185.502								80#	0#	22	GONDOLA	37 KIPS	0.07
	185.358								80#	0#	41	GONDOLA	-40 KIPS	0.11
	185.215								80#	0#	60	GONDOLA	-95 KIPS	0.18
HELPERS	185.071								80#	0#	78	GONDOLA	-135 KIPS	0.22
	185.063								80#	0#	98	GONDOLA	-165 KIPS	0.32
0:14:10	185.050								80#	0#	99	GM108	-75 KIPS	0.37
	185.872								80#	0#	100	GM8C	0 KIPS	0.28
	185.880								80#	0#	1	SD40	40 KIPS	0.00
	185.847								80#	0#	2	SD40	81 KIPS	0.00
	185.703								80#	0#	3	GONDOLA	78 KIPS	0.00
	185.559								80#	0#	22	GONDOLA	32 KIPS	0.07
	185.415								80#	0#	41	GONDOLA	-43 KIPS	0.11
	185.272								80#	0#	60	GONDOLA	-97 KIPS	0.19
	185.128								80#	0#	78	GONDOLA	-136 KIPS	0.15
HELPERS	185.120								80#	0#	98	GONDOLA	-166 KIPS	0.32
	185.107								80#	0#	99	GM108	-187 KIPS	0.38
0:14:20	185.928								80#	0#	100	GM8C	0 KIPS	0.26
	185.917								80#	0#	1	SD40	41 KIPS	0.00
	185.804								80#	0#	2	SD40	82 KIPS	0.00
	185.780								80#	0#	3	GONDOLA	80 KIPS	0.00
	185.616								80#	0#	22	GONDOLA	38 KIPS	0.00
	185.472								80#	0#	41	GONDOLA	-21 KIPS	0.08
	185.328								80#	0#	60	GONDOLA	-78 KIPS	0.16
	185.185								80#	0#	78	GONDOLA	-132 KIPS	0.21
HELPERS	185.177								80#	0#	98	GONDOLA	-165 KIPS	0.33
	185.164								80#	0#	99	GM108	-187 KIPS	0.39
									80#	0#	100	GM8C	0 KIPS	0.29

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	AFT	
0:14:30	186.988	0	20	RUN	6	618	REL REL	80# 0# -168:99 .28:98	1	SD40	0 KIPS	41 KIPS	0.00
	186.973							80# 0#	2	SD40	41 KIPS	82 KIPS	0.00
	186.961							80# 0#	3	GONDOLA	82 KIPS	79 KIPS	0.00
	186.817							80# 0#	22	GONDOLA	32 KIPS	29 KIPS	0.00
	186.673							80# 0#	41	GONDOLA	-27 KIPS	-29 KIPS	0.08
	186.529							80# 0#	60	GONDOLA	-79 KIPS	-82 KIPS	0.17
	186.385							80# 0#	79	GONDOLA	-132 KIPS	-135 KIPS	0.22
	186.241							80# 0#	98	GONDOLA	-167 KIPS	-168 KIPS	0.28
HELPERS	186.234			RUN	6	1193	REL REL	80# 0#	98	GM108	-168 KIPS	-78 KIPS	0.27
	186.221							80# 0#	100	GM6C	-78 KIPS	0 KIPS	0.21
0:14:40	187.042	0	20	RUN	6	624	REL REL	80# 0# -168:99 .28:98	1	SD40	0 KIPS	42 KIPS	0.00
	187.030							80# 0#	2	SD40	42 KIPS	83 KIPS	0.00
	187.018							80# 0#	3	GONDOLA	83 KIPS	81 KIPS	0.00
	186.874							80# 0#	22	GONDOLA	40 KIPS	38 KIPS	0.00
	186.730							80# 0#	41	GONDOLA	-19 KIPS	-22 KIPS	0.07
	186.586							80# 0#	60	GONDOLA	-71 KIPS	-74 KIPS	0.16
	186.442							80# 0#	79	GONDOLA	-124 KIPS	-127 KIPS	0.21
	186.298							80# 0#	98	GONDOLA	-167 KIPS	-168 KIPS	0.28
HELPERS	186.290			RUN	6	1194	REL REL	80# 0#	98	GM108	-168 KIPS	-75 KIPS	0.27
	186.277							80# 0#	100	GM6C	-75 KIPS	0 KIPS	0.17
0:14:50	187.098	0	20	RUN	6	632	REL REL	80# 0# -167:99 .37:99	1	SD40	0 KIPS	42 KIPS	0.00
	187.086							80# 0#	2	SD40	42 KIPS	84 KIPS	0.00
	187.074							80# 0#	3	GONDOLA	84 KIPS	82 KIPS	0.00
	186.930							80# 0#	22	GONDOLA	41 KIPS	39 KIPS	0.00
	186.786							80# 0#	41	GONDOLA	-14 KIPS	-17 KIPS	0.02
	186.642							80# 0#	60	GONDOLA	-81 KIPS	-83 KIPS	0.15
	186.498							80# 0#	79	GONDOLA	-111 KIPS	-114 KIPS	0.20
	186.354							80# 0#	98	GONDOLA	-164 KIPS	-167 KIPS	0.32
HELPERS	186.348			RUN	6	1196	REL REL	80# 0#	98	GM108	-167 KIPS	-75 KIPS	0.37
	186.333							80# 0#	100	GM6C	-75 KIPS	0 KIPS	0.26
0:15: 0	187.154	0	20	RUN	6	634	REL REL	80# 0# -164:99 .37:99	1	SD40	0 KIPS	42 KIPS	0.00
	187.142							80# 0#	2	SD40	42 KIPS	84 KIPS	0.00
	187.129							80# 0#	3	GONDOLA	84 KIPS	82 KIPS	0.00
	186.985							80# 0#	22	GONDOLA	37 KIPS	35 KIPS	0.00
	186.841							80# 0#	41	GONDOLA	-14 KIPS	-17 KIPS	0.02
	186.697							80# 0#	60	GONDOLA	-80 KIPS	-83 KIPS	0.15
	186.554							80# 0#	79	GONDOLA	-111 KIPS	-114 KIPS	0.20
	186.410							80# 0#	98	GONDOLA	-161 KIPS	-164 KIPS	0.32
HELPERS	186.402			RUN	6	1197	REL REL	80# 0#	98	GM108	-164 KIPS	-73 KIPS	0.37
	186.389							80# 0#	100	GM6C	-73 KIPS	0 KIPS	0.26

STATION TIME	MP	SPEED LMT RUN	THITLE AMP	SETTING TRN IND PIPE	PRESSURE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES			L/V RATIO				
										DRAMBAR FORE	FORCES AFT						
O:15:10	187.209	0	20	RUN 6	641	REL	REL	80#	0#	-165:99	.37:99	1	SD40	0 KIPS	43 KIPS	0.00	
	187.197							80#	0#			2	SD40	43 KIPS	86 KIPS	0.00	
	187.184							80#	0#			3	GONDOLA	86 KIPS	84 KIPS	0.00	
	187.040							80#	0#			22	GONDOLA	42 KIPS	39 KIPS	0.00	
	186.896							80#	0#			41	GONDOLA	-10 KIPS	-12 KIPS	0.01	
	186.753							80#	0#			60	GONDOLA	-56 KIPS	-59 KIPS	0.07	
HELPERS	186.609							80#	0#			78	GONDOLA	-108 KIPS	-111 KIPS	0.20	
	186.465							80#	0#			98	GONDOLA	-162 KIPS	-165 KIPS	0.32	
	186.457			RUN 6	1198	REL	REL	80#	0#			99	GM108	-165 KIPS	-74 KIPS	0.37	
	186.444							80#	0#			100	GM6C	0 KIPS	0 KIPS	0.26	
	0:15:20	187.264	0	20	RUN 6	645	REL	REL	80#	0#	-165:99	.37:99	1	SD40	0 KIPS	43 KIPS	0.00
	187.251							80#	0#			2	SD40	43 KIPS	86 KIPS	0.00	
HELPERS	187.239							80#	0#			3	GONDOLA	86 KIPS	84 KIPS	0.00	
	187.095							80#	0#			22	GONDOLA	41 KIPS	38 KIPS	0.00	
	186.951							80#	0#			41	GONDOLA	-15 KIPS	-17 KIPS	0.02	
	186.807							80#	0#			60	GONDOLA	-62 KIPS	-64 KIPS	0.07	
	186.663							80#	0#			78	GONDOLA	-110 KIPS	-112 KIPS	0.20	
	186.519							80#	0#			98	GONDOLA	-162 KIPS	-165 KIPS	0.32	
HELPERS	186.512			RUN 6	1198	REL	REL	80#	0#			99	GM108	-165 KIPS	-74 KIPS	0.37	
	186.499							80#	0#			100	GM6C	-74 KIPS	0 KIPS	0.26	
	-----> TRAIN ENTERING 3.00 DEGREE CURVE																
	0:15:30	187.318	0	19	RUN 6	654	REL	REL	80#	0#	-165:99	.37:99	1	SD40	0 KIPS	44 KIPS	0.13
	187.305							80#	0#			2	SD40	44 KIPS	88 KIPS	0.16	
	187.293							80#	0#			3	GONDOLA	88 KIPS	85 KIPS	0.12	
HELPERS	187.149							80#	0#			22	GONDOLA	48 KIPS	43 KIPS	0.00	
	187.005							80#	0#			41	GONDOLA	-37 KIPS	-15 KIPS	0.02	
	186.861							80#	0#			60	GONDOLA	-60 KIPS	-62 KIPS	0.07	
	186.717							80#	0#			78	GONDOLA	-108 KIPS	-111 KIPS	0.20	
	186.573							80#	0#			98	GONDOLA	-162 KIPS	-165 KIPS	0.32	
	186.566			RUN 6	1199	REL	REL	80#	0#			99	GM108	-165 KIPS	-74 KIPS	0.37	
O:15:40	186.553							80#	0#			100	GM6C	-74 KIPS	0 KIPS	0.26	
	0:15:40	187.371	0	19	RUN 6	658	REL	REL	80#	0#	-166:99	.37:99	1	SD40	0 KIPS	44 KIPS	0.09
	187.359							80#	0#			2	SD40	44 KIPS	88 KIPS	0.11	
	187.347							80#	0#			3	GONDOLA	88 KIPS	85 KIPS	0.08	
	187.203							80#	0#			22	GONDOLA	44 KIPS	42 KIPS	0.00	
	187.059							80#	0#			41	GONDOLA	-28 KIPS	-28 KIPS	0.03	
HELPERS	186.915							80#	0#			60	GONDOLA	-71 KIPS	-73 KIPS	0.08	
	186.771							80#	0#			78	GONDOLA	-116 KIPS	-118 KIPS	0.13	
	186.627							80#	0#			98	GONDOLA	-163 KIPS	-166 KIPS	0.32	
	186.619			RUN 6	1200	REL	REL	80#	0#			99	GM108	-166 KIPS	-75 KIPS	0.37	
	186.606							80#	0#			100	GM6C	-75 KIPS	0 KIPS	0.26	
	-----> TRAIN ENTERING 0.00 DEGREE CURVE																

STATION TIME	MP	SPEED LMT RUN	THLTL AMP	SETTING TRN IN	BRAKES PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	AFT	
0:15:50	187.425	0	19	RUN 6	655	REL REL	80# 0# -186:99 .37:99	1	SD40	0 KIPS	44 KIPS	0.09
	187.412						80# 0#	2	SD40	44 KIPS	88 KIPS	0.15
	187.400						80# 0#	3	GONDOLA	88 KIPS	86 KIPS	0.14
	187.258						80# 0#	22	GONDOLA	39 KIPS	37 KIPS	0.00
	187.112						80# 0#	41	GONDOLA	-28 KIPS	-28 KIPS	0.03
HELPERS	186.968						80# 0#	80	GONDOLA	-71 KIPS	-73 KIPS	0.08
	186.824						80# 0#	78	GONDOLA	-116 KIPS	-118 KIPS	0.13
	186.680						80# 0#	98	GONDOLA	-163 KIPS	-165 KIPS	0.32
	186.673			RUN 6	1200	REL REL	80# 0#	99	GONDOLA	-168 KIPS	-175 KIPS	0.37
	186.660						80# 0#	100	GM108	0 KIPS	0 KIPS	0.28
0:16:0	187.478	0	19	RUN 6	664	REL REL	80# 0# -166:99 .38:99	1	SD40	0 KIPS	45 KIPS	0.00
	187.466						80# 0#	2	SD40	45 KIPS	90 KIPS	0.00
	187.453						80# 0#	3	GONDOLA	90 KIPS	87 KIPS	0.01
	187.309						80# 0#	22	GONDOLA	42 KIPS	39 KIPS	0.08
	187.185						80# 0#	41	GONDOLA	-16 KIPS	-18 KIPS	0.02
HELPERS	187.022						80# 0#	60	GONDOLA	-85 KIPS	-88 KIPS	0.08
	186.878						80# 0#	79	GONDOLA	-114 KIPS	-117 KIPS	0.13
	186.734						80# 0#	98	GONDOLA	-164 KIPS	-168 KIPS	0.34
	186.726			RUN 6	1200	REL REL	80# 0#	98	GM108	-166 KIPS	-175 KIPS	0.38
	186.713						80# 0#	100	GMBC	-75 KIPS	0 KIPS	0.29
-----> TRAIN ENTERING 0.00 % GRADE												
-----> TRAIN ENTERING 4.50 DEGREE CURVE												
-----> TRAIN ENTERING 0.85 % GRADE												
0:16:10	187.531	0	19	RUN 6	655	REL REL	80# 0# -187:99 .28:98	1	SD40	0 KIPS	48 KIPS	0.16
	187.519						80# 0#	2	SD40	48 KIPS	94 KIPS	0.16
	187.507						80# 0#	3	GONDOLA	94 KIPS	92 KIPS	0.12
	187.363						80# 0#	22	GONDOLA	43 KIPS	40 KIPS	0.07
	187.219						80# 0#	41	GONDOLA	-22 KIPS	-25 KIPS	0.03
HELPERS	187.075						80# 0#	60	GONDOLA	-70 KIPS	-72 KIPS	0.08
	186.931						80# 0#	79	GONDOLA	-117 KIPS	-119 KIPS	0.13
	186.787						80# 0#	98	GONDOLA	-165 KIPS	-167 KIPS	0.28
	186.779			RUN 6	1201	REL REL	80# 0#	98	GM108	-167 KIPS	-178 KIPS	0.27
	186.766						80# 0#	100	GMBC	0 KIPS	0 KIPS	0.18
0:16:20	187.584	0	19	RUN 6	660	REL REL	80# 0# -186:99 .27:98	1	SD40	0 KIPS	45 KIPS	0.15
	187.572						80# 0#	2	SD40	45 KIPS	90 KIPS	0.15
	187.560						80# 0#	3	GONDOLA	90 KIPS	88 KIPS	0.12
	187.416						80# 0#	22	GONDOLA	57 KIPS	54 KIPS	0.09
	187.272						80# 0#	41	GONDOLA	23 KIPS	17 KIPS	0.07
HELPERS	187.128						80# 0#	80	GONDOLA	-62 KIPS	-65 KIPS	0.07
	186.984						80# 0#	79	GONDOLA	-113 KIPS	-115 KIPS	0.13
	186.840						80# 0#	98	GONDOLA	-163 KIPS	-168 KIPS	0.27
	186.832			RUN 6	1200	REL REL	80# 0#	99	GM108	-166 KIPS	-175 KIPS	0.27
	186.819						80# 0#	100	GMBC	-75 KIPS	0 KIPS	0.17

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
						TRN	IND PIPE CYL				DRABAR FORCES FORE	AFT	
0:16:30	187.638	0	19	RUN	6	657	REL REL	80# 0# -166:99 .28:98	1	SD40	0 KIPS	45 KIPS	0.15
	187.625						80# 0#		2	SD40	45 KIPS	90 KIPS	0.16
	187.613						80# 0#		3	GONDOLA	90 KIPS	88 KIPS	0.12
	187.489						80# 0#		22	GONDOLA	57 KIPS	54 KIPS	0.00
	187.325						80# 0#		41	GONDOLA	-22 KIPS	-19 KIPS	0.07
	187.181						80# 0#		60	GONDOLA	-65 KIPS	-68 KIPS	0.08
	187.037						80# 0#		79	GONDOLA	-115 KIPS	-117 KIPS	0.13
	186.893						80# 0#		98	GONDOLA	-164 KIPS	-166 KIPS	0.27
HELPERS	186.888								99	GONDOLA	-168 KIPS	-75 KIPS	0.27
	186.873								100	GM108	-75 KIPS	0 KIPS	0.18
0:16:40	187.691	0	19	RUN	6	652	REL REL	80# 0# -187:99 .28:98	1	SD40	0 KIPS	44 KIPS	0.15
	187.679						80# 0#		2	SD40	44 KIPS	88 KIPS	0.16
	187.667						80# 0#		3	GONDOLA	88 KIPS	88 KIPS	0.12
	187.523						80# 0#		22	GONDOLA	47 KIPS	45 KIPS	0.11
	187.379						80# 0#		41	GONDOLA	25 KIPS	-38 KIPS	0.07
	187.235						80# 0#		60	GONDOLA	-68 KIPS	-68 KIPS	0.08
	187.081						80# 0#		79	GONDOLA	-115 KIPS	-117 KIPS	0.13
	186.947						80# 0#		98	GONDOLA	-184 KIPS	-167 KIPS	0.28
HELPERS	186.939								99	GM108	-167 KIPS	-76 KIPS	0.27
	186.926								100	GM6C	-76 KIPS	0 KIPS	0.18
0:16:50	187.745	0	19	RUN	6	654	REL REL	80# 0# -185:99 .27:98	1	SD40	0 KIPS	44 KIPS	0.15
	187.733						80# 0#		2	SD40	44 KIPS	88 KIPS	0.16
	187.721						80# 0#		3	GONDOLA	89 KIPS	88 KIPS	0.12
	187.577						80# 0#		22	GONDOLA	47 KIPS	45 KIPS	0.11
	187.433						80# 0#		41	GONDOLA	11 KIPS	-17 KIPS	0.07
	187.289						80# 0#		60	GONDOLA	-57 KIPS	-60 KIPS	0.14
	187.145						80# 0#		79	GONDOLA	-110 KIPS	-113 KIPS	0.12
	187.001						80# 0#		98	GONDOLA	-163 KIPS	-165 KIPS	0.27
HELPERS	186.993								99	GONDOLA	-185 KIPS	-75 KIPS	0.27
	186.980								100	GM108	-75 KIPS	0 KIPS	0.17
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0:17: 0	187.799	0	20	RUN	6	646	REL REL	80# 0# -166:99 .27:98	1	SD40	0 KIPS	44 KIPS	0.15
	187.787						80# 0#		2	SD40	44 KIPS	88 KIPS	0.16
	187.775						80# 0#		3	GONDOLA	88 KIPS	85 KIPS	0.12
	187.631						80# 0#		22	GONDOLA	40 KIPS	38 KIPS	0.11
	187.487						80# 0#		41	GONDOLA	-15 KIPS	-13 KIPS	0.11
	187.343						80# 0#		60	GONDOLA	-60 KIPS	-63 KIPS	0.14
	187.199						80# 0#		79	GONDOLA	-112 KIPS	-115 KIPS	0.13
	187.055						80# 0#		98	GONDOLA	-183 KIPS	-166 KIPS	0.27
HELPERS	187.047								99	GM108	-166 KIPS	-75 KIPS	0.27
	187.034								100	GM6C	-75 KIPS	0 KIPS	0.17

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STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRANBAR FORCES FORE	DRANBAR FORCES AFT	
0:17:10	187.854	0	20	RUN	8	844	REL	REL	80#	0#	0#	0#	0.00
	187.841								80#	0#	0#	0#	0.00
	187.828								80#	0#	0#	0#	0.11
	187.885								80#	0#	0#	0#	0.11
	187.841								80#	0#	0#	0#	0.11
	187.397								80#	0#	0#	0#	0.13
	187.253								80#	0#	0#	0#	0.12
	187.109								80#	0#	0#	0#	0.27
HELPERS	187.102								80#	0#	0#	0#	0.27
	187.089								80#	0#	0#	0#	0.17
0:17:20	187.908	0	20	RUN	8	837	REL	REL	80#	0#	0#	0#	0.00
	187.896								80#	0#	0#	0#	0.00
	187.884								80#	0#	0#	0#	0.00
	187.740								80#	0#	0#	0#	0.11
	187.598								80#	0#	0#	0#	0.11
	187.452								80#	0#	0#	0#	0.08
	187.308								80#	0#	0#	0#	0.20
	187.184								80#	0#	0#	0#	0.27
HELPERS	187.157								80#	0#	0#	0#	0.27
	187.144								80#	0#	0#	0#	0.17
0:17:30	187.894	0	20	RUN	8	829	REL	REL	80#	0#	0#	0#	0.00
	187.952								80#	0#	0#	0#	0.00
	187.940								80#	0#	0#	0#	0.12
	187.796								80#	0#	0#	0#	0.11
	187.852								80#	0#	0#	0#	0.13
	187.508								80#	0#	0#	0#	0.20
	187.384								80#	0#	0#	0#	0.27
	187.220								80#	0#	0#	0#	0.27
HELPERS	187.212								80#	0#	0#	0#	0.17
	187.199								80#	0#	0#	0#	0.17
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
0:17:40	188.021	0	20	RUN	8	823	REL	REL	80#	0#	0#	0#	0.15
	188.008								80#	0#	0#	0#	0.20
	187.996								80#	0#	0#	0#	0.15
	187.852								80#	0#	0#	0#	0.00
	187.708								80#	0#	0#	0#	0.11
	187.564								80#	0#	0#	0#	0.14
	187.420								80#	0#	0#	0#	0.19
	187.278								80#	0#	0#	0#	0.27
HELPERS	187.269								80#	0#	0#	0#	0.27
	187.256								80#	0#	0#	0#	0.17
-----> TRAIN ENTERING 0.85 % GRADE													

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
0:17:50	188.077	0	20	RUN 6	631	REL REL	1	SD40	0 KIPS	42 KIPS	0.13
	188.064						2	SD40	42 KIPS	84 KIPS	0.15
	188.052						3	GONDOLA	84 KIPS	82 KIPS	0.10
	187.908						22	GONDOLA	51 KIPS	50 KIPS	0.00
	187.784						41	GONDOLA	58 KIPS	88 KIPS	0.11
HELPERS	187.620						60	GONDOLA	-42 KIPS	-45 KIPS	0.13
	187.478						79	GONDOLA	-91 KIPS	-94 KIPS	0.10
	187.322						98	GONDOLA	-157 KIPS	-161 KIPS	0.31
	187.325						99	GM10B	-181 KIPS	-72 KIPS	0.36
	187.312						100	GMBC	-72 KIPS	0 KIPS	0.28
0:18:0	188.133	0	21	RUN 6	618	REL REL	1	SD40	0 KIPS	41 KIPS	0.13
	188.121						2	SD40	41 KIPS	83 KIPS	0.15
	188.109						3	GONDOLA	83 KIPS	80 KIPS	0.10
	187.965						22	GONDOLA	45 KIPS	43 KIPS	0.00
	187.821						41	GONDOLA	-81 KIPS	-80 KIPS	0.11
HELPERS	187.677						60	GONDOLA	-72 KIPS	-75 KIPS	0.18
	187.533						79	GONDOLA	-117 KIPS	-120 KIPS	0.24
	187.389						98	GONDOLA	-159 KIPS	-162 KIPS	0.32
	187.381						99	GM10B	-162 KIPS	-72 KIPS	0.37
	187.368						100	GMBC	-72 KIPS	0 KIPS	0.28
0:18:10	188.191	0	21	RUN 6	608	REL REL	1	SD40	0 KIPS	40 KIPS	0.13
	188.178						2	SD40	40 KIPS	78 KIPS	0.14
	188.166						3	GONDOLA	78 KIPS	76 KIPS	0.10
	188.022						22	GONDOLA	29 KIPS	37 KIPS	0.10
	187.878						41	GONDOLA	-29 KIPS	-31 KIPS	0.03
HELPERS	187.734						60	GONDOLA	-72 KIPS	-74 KIPS	0.18
	187.590						79	GONDOLA	-118 KIPS	-120 KIPS	0.24
	187.446						98	GONDOLA	-159 KIPS	-162 KIPS	0.33
	187.439						99	GM10B	-162 KIPS	-73 KIPS	0.37
	187.428						100	GMBC	-73 KIPS	0 KIPS	0.28
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
0:18:20	188.249	0	21	RUN 6	608	REL REL	1	SD40	0 KIPS	40 KIPS	0.13
	188.237						2	SD40	40 KIPS	79 KIPS	0.15
	188.224						3	GONDOLA	79 KIPS	77 KIPS	0.11
	188.080						22	GONDOLA	29 KIPS	27 KIPS	0.10
	187.936						41	GONDOLA	-38 KIPS	-38 KIPS	0.04
HELPERS	187.793						60	GONDOLA	-75 KIPS	-77 KIPS	0.17
	187.649						79	GONDOLA	-122 KIPS	-124 KIPS	0.25
	187.505						98	GONDOLA	-167 KIPS	-168 KIPS	0.38
	187.497						99	GM10B	-168 KIPS	-75 KIPS	0.30
	187.484						100	GMBC	-75 KIPS	0 KIPS	0.22

STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING TRN INO PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRAMBAR FORCES FORE	AFT	
0:18:30	188.308	0	21	RUN 6	593	REL	REL	80# 0#	-159:99	.32:98	
	188.298							80# 0#			
	188.283							80# 0#			
	188.139							80# 0#			
	187.985							80# 0#			
	187.851							80# 0#			
	187.708							80# 0#			
	187.584							80# 0#			
	187.558							80# 0#			
HELPERS	187.543							80# 0#			
0:18:40	188.387	0	21	RUN 6	598	REL	REL	80# 0#	-152:99	.31:98	
	188.355							80# 0#			
	188.343							80# 0#			
	188.199							80# 0#			
	188.055							80# 0#			
	187.911							80# 0#			
	187.767							80# 0#			
	187.623							80# 0#			
HELPERS	187.815							80# 0#			
0:18:50	187.602	0	22	RUN 6	588	REL	REL	80# 0#	-153:99	.31:98	
	188.427							80# 0#			
	188.415							80# 0#			
	188.402							80# 0#			
	188.259							80# 0#			
	188.115							80# 0#			
	187.971							80# 0#			
	187.827							80# 0#			
	187.683							80# 0#			
HELPERS	187.675							80# 0#			
0:19:00	187.662	0	22	RUN 6	585	REL	REL	80# 0#	-152:99	.31:98	
	188.487							80# 0#			
	188.475							80# 0#			
	188.463							80# 0#			
	188.319							80# 0#			
	188.175							80# 0#			
	188.031							80# 0#			
	187.887							80# 0#			
HELPERS	187.743							80# 0#			
	187.735							80# 0#			
	187.722							80# 0#			

-----> TRAIN ENTERING 4.00 DEGREE CURVE

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STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS	SETTING TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:19:50	188.792	0	22	RUN	8	582	REL REL	80#	0#	0#	0#	0.12
	188.779							80#	0#	0#	0#	0.14
	188.767							80#	0#	0#	0#	0.10
	188.623							80#	0#	0#	0#	0.10
	188.478							80#	0#	0#	0#	0.03
	188.335							80#	0#	0#	0#	0.08
	188.191							80#	0#	0#	0#	0.23
	188.047							80#	0#	0#	0#	0.34
	188.040							80#	0#	0#	0#	0.40
	188.027							80#	0#	0#	0#	0.27
HELPERS	188.853							80#	0#	0#	0#	0.12
	188.840							80#	0#	0#	0#	0.14
	188.828							80#	0#	0#	0#	0.10
	188.684							80#	0#	0#	0#	0.10
	188.540							80#	0#	0#	0#	0.10
	188.396							80#	0#	0#	0#	0.07
	188.252							80#	0#	0#	0#	0.22
	188.108							80#	0#	0#	0#	0.34
	188.101							80#	0#	0#	0#	0.39
	188.088							80#	0#	0#	0#	0.27
0:20:10	188.913	0	22	RUN	8	584	REL REL	80#	0#	0#	0#	0.12
	188.901							80#	0#	0#	0#	0.14
	188.889							80#	0#	0#	0#	0.10
	188.745							80#	0#	0#	0#	0.10
	188.601							80#	0#	0#	0#	0.10
	188.457							80#	0#	0#	0#	0.08
	188.313							80#	0#	0#	0#	0.12
	188.189							80#	0#	0#	0#	0.33
	188.161							80#	0#	0#	0#	0.39
	188.148							80#	0#	0#	0#	0.27
HELPERS	188.974							80#	0#	0#	0#	0.12
	188.961							80#	0#	0#	0#	0.14
	188.949							80#	0#	0#	0#	0.10
	188.805							80#	0#	0#	0#	0.10
	188.661							80#	0#	0#	0#	0.10
	188.517							80#	0#	0#	0#	0.08
	188.373							80#	0#	0#	0#	0.13
	188.229							80#	0#	0#	0#	0.34
	188.222							80#	0#	0#	0#	0.40
	188.209							80#	0#	0#	0#	0.27

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THTLT AMPS TRN IND PIPE CYL	BRAKES SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:20:30	188.034	0	22 RUN 6	584 REL REL	80# 0#	-181:99 .38:99	1	SD40	39 KIPS	0.12
	189.022				80# 0#		2	SD40	77 KIPS	0.15
	189.010				80# 0#		3	GONDOLA	75 KIPS	0.12
	188.866				80# 0#		22	GONDOLA	30 KIPS	0.10
	188.722				80# 0#		41	GONDOLA	-19 KIPS	0.10
	188.578				80# 0#		60	GONDOLA	-89 KIPS	0.17
	188.434				80# 0#		78	GONDOLA	-116 KIPS	0.13
	188.280				80# 0#		98	GONDOLA	-159 KIPS	0.34
	188.283				80# 0#		99	GM10B	-161 KIPS	0.38
	188.258				80# 0#		100	GM6C	-71 KIPS	0.30
HELPERS	189.095				80# 0#	-182:99 .27:98	1	SD40	38 KIPS	0.00
	189.083				80# 0#		2	SD40	77 KIPS	0.00
	189.071				80# 0#		3	GONDOLA	75 KIPS	0.00
	188.927				80# 0#		22	GONDOLA	34 KIPS	0.10
	188.783				80# 0#		41	GONDOLA	-17 KIPS	0.10
	188.639				80# 0#		60	GONDOLA	-87 KIPS	0.18
	188.485				80# 0#		78	GONDOLA	-115 KIPS	0.13
	188.351				80# 0#		98	GONDOLA	-182 KIPS	0.27
	188.343				80# 0#		99	GM10B	-72 KIPS	0.26
	188.330				80# 0#		100	GM6C	0 KIPS	0.17
-----> TRAIN ENTERING 4.00 DEGREE CURVE										
0:20:50	189.159	0	22 RUN 6	581 REL REL	80# 0#	-180:99 .27:98	1	SD40	38 KIPS	0.15
	189.144				80# 0#		2	SD40	77 KIPS	0.12
	189.132				80# 0#		3	GONDOLA	75 KIPS	0.04
	188.988				80# 0#		22	GONDOLA	35 KIPS	0.10
	188.844				80# 0#		41	GONDOLA	-12 KIPS	0.10
	188.700				80# 0#		60	GONDOLA	-81 KIPS	0.15
	188.556				80# 0#		78	GONDOLA	-113 KIPS	0.22
	188.412				80# 0#		98	GONDOLA	-180 KIPS	0.27
	188.404				80# 0#		99	GM10B	-70 KIPS	0.26
	188.391				80# 0#		100	GM6C	0 KIPS	0.17
HELPERS	189.217				80# 0#	-181:99 .27:98	1	SD40	38 KIPS	0.12
	189.205				80# 0#		2	SD40	75 KIPS	0.15
	189.193				80# 0#		3	GONDOLA	73 KIPS	0.15
	189.048				80# 0#		22	GONDOLA	34 KIPS	0.00
	188.905				80# 0#		41	GONDOLA	-15 KIPS	0.10
	188.761				80# 0#		60	GONDOLA	-81 KIPS	0.15
	188.617				80# 0#		78	GONDOLA	-112 KIPS	0.22
	188.473				80# 0#		98	GONDOLA	-181 KIPS	0.27
	188.465				80# 0#		99	GM10B	-72 KIPS	0.26
	188.452				80# 0#		100	GM6C	0 KIPS	0.17
-----> TRAIN ENTERING 4.00 DEGREE CURVE										
0:21:0	189.217	0	22 RUN 6	579 REL REL	80# 0#	-181:99 .27:98	1	SD40	38 KIPS	0.12
	189.205				80# 0#		2	SD40	75 KIPS	0.15
	189.193				80# 0#		3	GONDOLA	73 KIPS	0.15
	189.048				80# 0#		22	GONDOLA	34 KIPS	0.00
	188.905				80# 0#		41	GONDOLA	-15 KIPS	0.10
	188.761				80# 0#		60	GONDOLA	-81 KIPS	0.15
	188.617				80# 0#		78	GONDOLA	-112 KIPS	0.22
	188.473				80# 0#		98	GONDOLA	-181 KIPS	0.27
	188.465				80# 0#		99	GM10B	-72 KIPS	0.26
	188.452				80# 0#		100	GM6C	0 KIPS	0.17

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 578	SETTING REL	BRAKES TRN IND PIPE CYL	PRESSURE KIPS:CAR L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO
0:21:10	189.279	0	22	RUN 6	578	REL	REL	80# 0# -181:99 .28:98	1	SD40	0 KIPS	0.12
	189.268							80# 0#	2	SD40	37 KIPS	0.13
	189.254							80# 0#	3	GONDOLA	75 KIPS	0.10
	189.110							80# 0#	22	GONDOLA	31 KIPS	0.00
	188.986							80# 0#	41	GONDOLA	-10 KIPS	0.10
	188.822							80# 0#	60	GONDOLA	-60 KIPS	0.15
	188.676							80# 0#	78	GONDOLA	-108 KIPS	0.22
	188.534							80# 0#	98	GONDOLA	-161 KIPS	0.28
HELPERS	188.527							80# 0#	99	GM108	-71 KIPS	0.28
	188.514							80# 0#	100	GM6C	0 KIPS	0.17
-----> TRAIN ENTERING 1.07 % GRADE												
0:21:20	189.340	0	22	RUN 6	578	REL	REL	80# 0# -160:99 .39:99	1	SD40	0 KIPS	0.12
	189.328							80# 0#	2	SD40	37 KIPS	0.13
	189.315							80# 0#	3	GONDOLA	74 KIPS	0.10
	189.172							80# 0#	22	GONDOLA	30 KIPS	0.08
	189.028							80# 0#	41	GONDOLA	-20 KIPS	0.10
	188.884							80# 0#	60	GONDOLA	-63 KIPS	0.16
	188.740							80# 0#	78	GONDOLA	-108 KIPS	0.22
	188.596							80# 0#	98	GONDOLA	-157 KIPS	0.34
HELPERS	188.588							80# 0#	99	GM108	-71 KIPS	0.39
	188.575							80# 0#	100	GM6C	0 KIPS	0.27
0:21:30	189.402	0	22	RUN 6	577	REL	REL	80# 0# -160:99 .39:99	1	SD40	0 KIPS	0.12
	189.389							80# 0#	2	SD40	38 KIPS	0.13
	189.377							80# 0#	3	GONDOLA	72 KIPS	0.10
	189.233							80# 0#	22	GONDOLA	18 KIPS	0.08
	189.089							80# 0#	41	GONDOLA	-30 KIPS	0.04
	188.945							80# 0#	60	GONDOLA	-68 KIPS	0.17
	188.801							80# 0#	78	GONDOLA	-112 KIPS	0.22
	188.657							80# 0#	98	GONDOLA	-157 KIPS	0.33
HELPERS	188.650							80# 0#	99	GM108	-71 KIPS	0.38
	188.637							80# 0#	100	GM6C	0 KIPS	0.27
0:21:40	189.463	0	22	RUN 6	578	REL	REL	80# 0# -160:99 .39:99	1	SD40	0 KIPS	0.12
	189.451							80# 0#	2	SD40	38 KIPS	0.13
	189.308							80# 0#	3	GONDOLA	73 KIPS	0.10
	189.164							80# 0#	22	GONDOLA	10 KIPS	0.08
	189.020							80# 0#	41	GONDOLA	-33 KIPS	0.13
	188.876							80# 0#	60	GONDOLA	-70 KIPS	0.19
	188.732							80# 0#	78	GONDOLA	-113 KIPS	0.23
HELPERS	188.719							80# 0#	98	GONDOLA	-158 KIPS	0.33
	188.711							80# 0#	99	GM108	-70 KIPS	0.38
	188.698							80# 0#	100	GM6C	0 KIPS	0.27

STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S SETTING	TRN INO PIPE CYL	BRAKES PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRUMBAR FORCES FORE	AFT	
0:21:50	189.524	0	22 RUN 6	580 REL REL	80# 0#	-182:99 .40:99	1	SD40	0 KIPS	37 KIPS	0.12
	189.512				80# 0#		2	SD40	37 KIPS	73 KIPS	0.13
	189.500				80# 0#		3	GONDOLA	73 KIPS	70 KIPS	0.10
	189.356				80# 0#		22	GONDOLA	15 KIPS	12 KIPS	0.09
	189.212				80# 0#		41	GONDOLA	-44 KIPS	-47 KIPS	0.14
	189.068				80# 0#		60	GONDOLA	-82 KIPS	-83 KIPS	0.08
	188.924				80# 0#		79	GONDOLA	-118 KIPS	-121 KIPS	0.23
	188.780				80# 0#		98	GONDOLA	-180 KIPS	-182 KIPS	0.34
HELPERS	188.772		RUN 6 1178	REL REL	80# 0#		99	GM10B	-72 KIPS	-72 KIPS	0.40
	188.759				80# 0#		100	GM8C	-72 KIPS	0 KIPS	0.28
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
0:22:0	189.585	0	22 RUN 6	583 REL REL	80# 0#	-183:99 .40:99	1	SD40	0 KIPS	38 KIPS	0.12
	189.573				80# 0#		2	SD40	38 KIPS	75 KIPS	0.15
	189.561				80# 0#		3	GONDOLA	75 KIPS	73 KIPS	0.15
	189.417				80# 0#		22	GONDOLA	21 KIPS	18 KIPS	0.09
	189.273				80# 0#		41	GONDOLA	-45 KIPS	-47 KIPS	0.14
	189.129				80# 0#		60	GONDOLA	-83 KIPS	-85 KIPS	0.09
	188.985				80# 0#		79	GONDOLA	-118 KIPS	-121 KIPS	0.23
	188.841				80# 0#		98	GONDOLA	-160 KIPS	-163 KIPS	0.34
HELPERS	188.833		RUN 6 1179	REL REL	80# 0#		99	GM10B	-163 KIPS	-73 KIPS	0.40
	188.820				80# 0#		100	GM8C	-73 KIPS	0 KIPS	0.27
0:22:10	189.646	0	22 RUN 6	587 REL REL	80# 0#	-183:99 .40:99	1	SD40	0 KIPS	38 KIPS	0.00
	189.633				80# 0#		2	SD40	38 KIPS	75 KIPS	0.00
	188.621				80# 0#		3	GONDOLA	75 KIPS	73 KIPS	0.00
	189.477				80# 0#		22	GONDOLA	21 KIPS	18 KIPS	0.08
	189.333				80# 0#		41	GONDOLA	-40 KIPS	-43 KIPS	0.13
	189.189				80# 0#		60	GONDOLA	-87 KIPS	-89 KIPS	0.20
	189.045				80# 0#		79	GONDOLA	-123 KIPS	-124 KIPS	0.14
	188.901				80# 0#		98	GONDOLA	-161 KIPS	-163 KIPS	0.34
HELPERS	188.894		RUN 6 1181	REL REL	80# 0#		99	GM10B	-163 KIPS	-73 KIPS	0.40
	188.881				80# 0#		100	GM8C	-73 KIPS	0 KIPS	0.28
-----> TRAIN ENTERING 4.00 DEGREE CURVE											
0:22:20	189.708	0	21 RUN 6	592 REL REL	80# 0#	-183:99 .40:99	1	SD40	0 KIPS	38 KIPS	0.15
	189.693				80# 0#		2	SD40	38 KIPS	76 KIPS	0.15
	189.681				80# 0#		3	GONDOLA	76 KIPS	73 KIPS	0.12
	189.537				80# 0#		22	GONDOLA	28 KIPS	23 KIPS	0.10
	189.393				80# 0#		41	GONDOLA	-40 KIPS	-43 KIPS	0.13
	189.249				80# 0#		60	GONDOLA	-88 KIPS	-90 KIPS	0.20
	189.105				80# 0#		79	GONDOLA	-128 KIPS	-128 KIPS	0.14
	188.961				80# 0#		98	GONDOLA	-161 KIPS	-163 KIPS	0.34
HELPERS	188.954		RUN 6 1183	REL REL	80# 0#		99	GM10B	-163 KIPS	-73 KIPS	0.40
	188.941				80# 0#		100	GM8C	-73 KIPS	0 KIPS	0.27

STATION TIME	MP	SPEED LMT	THLE RUN	AMPS REL	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE	AFT	L/V RATIO
0:22:30	189.785	0	21	RUN	5	599	REL	REL	80#	0#	1	SD40	0 KIPS	38 KIPS	0.12
	189.753								80#	0#	2	SD40	38 KIPS	76 KIPS	0.14
	189.740								80#	0#	3	GONDOLA	76 KIPS	73 KIPS	0.10
	189.598								80#	0#	22	GONDOLA	26 KIPS	23 KIPS	0.00
	189.452								80#	0#	41	GONDOLA	-33 KIPS	-38 KIPS	0.11
	189.308								80#	0#	60	GONDOLA	-88 KIPS	-92 KIPS	0.21
	189.165								80#	0#	78	GONDOLA	-131 KIPS	-133 KIPS	0.25
	189.021								80#	0#	98	GONDOLA	-164 KIPS	-165 KIPS	0.34
HELPERS	189.013								80#	0#	99	GM108	-165 KIPS	-74 KIPS	0.40
	189.000								80#	0#	100	GM6C	-74 KIPS	0 KIPS	0.31
0:22:40	189.823	0	21	RUN	6	806	REL	REL	80#	0#	1	SD40	0 KIPS	39 KIPS	0.12
	189.811								80#	0#	2	SD40	39 KIPS	78 KIPS	0.14
	189.799								80#	0#	3	GONDOLA	78 KIPS	76 KIPS	0.10
	189.855								80#	0#	22	GONDOLA	25 KIPS	22 KIPS	0.09
	189.511								80#	0#	41	GONDOLA	-32 KIPS	-35 KIPS	0.11
	189.367								80#	0#	79	GONDOLA	-87 KIPS	-90 KIPS	0.20
	189.223								80#	0#	88	GONDOLA	-130 KIPS	-132 KIPS	0.25
HELPERS	189.078								80#	0#	98	GONDOLA	-184 KIPS	-186 KIPS	0.27
	189.072								80#	0#	99	GM108	-186 KIPS	-74 KIPS	0.27
0:22:50	189.058	0	21	RUN	6	818	REL	REL	80#	0#	100	GM6C	-74 KIPS	0 KIPS	0.17
	189.881								80#	0#	1	SD40	0 KIPS	40 KIPS	0.12
	189.868								80#	0#	2	SD40	40 KIPS	81 KIPS	0.14
	189.858								80#	0#	3	GONDOLA	81 KIPS	78 KIPS	0.10
	189.712								80#	0#	22	GONDOLA	27 KIPS	25 KIPS	0.10
	189.568								80#	0#	41	GONDOLA	-24 KIPS	-26 KIPS	0.10
	189.424								80#	0#	60	GONDOLA	-78 KIPS	-82 KIPS	0.18
	189.281								80#	0#	79	GONDOLA	-128 KIPS	-130 KIPS	0.25
	189.137								80#	0#	98	GONDOLA	-164 KIPS	-166 KIPS	0.28
HELPERS	189.129								80#	0#	99	GM108	-166 KIPS	-74 KIPS	0.27
	189.118								80#	0#	100	GM6C	-74 KIPS	0 KIPS	0.17
0:23:0	189.937	0	20	RUN	6	828	REL	REL	80#	0#	1	SD40	0 KIPS	41 KIPS	0.12
	189.925								80#	0#	2	SD40	41 KIPS	82 KIPS	0.14
	189.913								80#	0#	3	GONDOLA	82 KIPS	80 KIPS	0.10
	189.769								80#	0#	22	GONDOLA	29 KIPS	28 KIPS	0.10
	189.625								80#	0#	41	GONDOLA	-25 KIPS	-28 KIPS	0.03
	189.481								80#	0#	60	GONDOLA	-75 KIPS	-78 KIPS	0.18
	189.337								80#	0#	78	GONDOLA	-128 KIPS	-131 KIPS	0.25
HELPERS	189.193								80#	0#	98	GONDOLA	-165 KIPS	-167 KIPS	0.37
	189.185								80#	0#	99	GM108	-167 KIPS	-75 KIPS	0.30
	189.172								80#	0#	100	GM6C	-75 KIPS	0 KIPS	0.23

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THRTLE AMPS	SETTING TRN IN	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	AFT	
0:23:10	189.992	0	20	RUN	6	643	REL REL	1	SD40	0 KIPS	43 KIPS	0.12
	189.980							2	SD40	43 KIPS	87 KIPS	0.15
	189.988							3	GONDOLA	87 KIPS	84 KIPS	0.11
	189.824							22	GONDOLA	37 KIPS	35 KIPS	0.10
	189.680							41	GONDOLA	-22 KIPS	-24 KIPS	0.10
	189.536							60	GONDOLA	-69 KIPS	-72 KIPS	0.17
	189.392							79	GONDOLA	-122 KIPS	-125 KIPS	0.24
	189.248							98	GONDOLA	-165 KIPS	-167 KIPS	0.31
	189.240							99	GM10B	-75 KIPS	0 KIPS	0.18
	189.227							100	GM6C	-75 KIPS	0 KIPS	0.18
-----> TRAIN ENTERING 4.00 DEGREE CURVE												
0:23:20	190.048	0	19	RUN	6	665	REL REL	1	SD40	0 KIPS	45 KIPS	0.15
	190.034							2	SD40	45 KIPS	89 KIPS	0.15
	190.021							3	GONDOLA	89 KIPS	87 KIPS	0.13
	189.877							22	GONDOLA	44 KIPS	41 KIPS	0.10
	189.733							41	GONDOLA	-13 KIPS	-16 KIPS	0.10
	189.589							60	GONDOLA	-61 KIPS	-64 KIPS	0.07
	189.445							79	GONDOLA	-114 KIPS	-117 KIPS	0.23
	189.302							98	GONDOLA	-166 KIPS	-168 KIPS	0.31
	189.281							99	GM10B	-78 KIPS	-78 KIPS	0.25
	189.281							100	GM6C	-78 KIPS	0 KIPS	0.18
RUN 6 1201 REL REL												
0:23:30	190.088	0	19	RUN	6	679	REL REL	1	SD40	0 KIPS	45 KIPS	0.12
	190.073							2	SD40	45 KIPS	91 KIPS	0.14
	189.929							3	GONDOLA	91 KIPS	88 KIPS	0.10
	189.785							22	GONDOLA	44 KIPS	41 KIPS	0.10
	189.642							41	GONDOLA	-16 KIPS	-19 KIPS	0.10
	189.498							60	GONDOLA	-67 KIPS	-69 KIPS	0.08
	189.354							79	GONDOLA	-113 KIPS	-115 KIPS	0.23
	189.354							98	GONDOLA	-164 KIPS	-167 KIPS	0.31
	189.346							99	GM10B	-167 KIPS	-76 KIPS	0.25
	189.333							100	GM6C	-76 KIPS	0 KIPS	0.18
RUN 6 1202 REL REL												
0:23:40	190.149	0	18	RUN	6	693	REL REL	1	SD40	0 KIPS	48 KIPS	0.12
	190.137							2	SD40	48 KIPS	94 KIPS	0.15
	190.124							3	GONDOLA	94 KIPS	92 KIPS	0.10
	189.980							22	GONDOLA	44 KIPS	42 KIPS	0.10
	189.836							41	GONDOLA	-16 KIPS	-19 KIPS	0.10
	189.692							60	GONDOLA	-67 KIPS	-70 KIPS	0.16
	189.549							79	GONDOLA	-112 KIPS	-115 KIPS	0.23
	189.405							98	GONDOLA	-164 KIPS	-167 KIPS	0.31
	189.397							99	GM10B	-167 KIPS	-76 KIPS	0.25
	189.384							100	GM6C	-76 KIPS	0 KIPS	0.18
RUN 6 1204 REL REL												

STATION TIME	MP	SPEED LMT	THTLT RUN	AMPS	SETTING TRN	PRESSURE IND	BRAKES PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
											DRABAR FORCES FORE	AFT					
0:23:50	190.199	0	18	RUN	6	711	REL	REL	80#	0#	-168:99	.31:98	1	SD40	0 KIPS	49 KIPS	0.02
	190.188								80#	0#			2	SD40	49 KIPS	98 KIPS	0.15
	190.174								80#	0#			3	GONDOLA	98 KIPS	95 KIPS	0.12
	190.030								80#	0#			22	GONDOLA	48 KIPS	43 KIPS	0.10
	189.888								80#	0#			41	GONDOLA	-8 KIPS	-9 KIPS	0.10
	189.742								80#	0#			60	GONDOLA	-81 KIPS	-84 KIPS	0.15
	189.598								80#	0#			79	GONDOLA	-113 KIPS	-116 KIPS	0.13
	189.454								80#	0#			98	GONDOLA	-165 KIPS	-168 KIPS	0.31
HELPERS	189.447			RUN	6	1205	REL	REL	80#	0#			99	GONDOLA	-168 KIPS	-77 KIPS	0.24
	189.434								80#	0#			100	GM10B	-77 KIPS	0 KIPS	0.18
0:24:0	190.247	0	17	RUN	6	720	REL	REL	80#	0#	-168:99	.31:98	1	GM6C	0 KIPS	50 KIPS	0.00
	190.235								80#	0#			2	SD40	50 KIPS	98 KIPS	0.00
	190.223								80#	0#			3	GONDOLA	99 KIPS	97 KIPS	0.00
	190.079								80#	0#			22	GONDOLA	48 KIPS	45 KIPS	0.10
	188.935								80#	0#			41	GONDOLA	-11 KIPS	-14 KIPS	0.10
	189.791								80#	0#			79	GONDOLA	-85 KIPS	-68 KIPS	0.15
	189.647								80#	0#			98	GONDOLA	-117 KIPS	-118 KIPS	0.21
	189.503								80#	0#			99	GONDOLA	-165 KIPS	-168 KIPS	0.31
HELPERS	188.498			RUN	6	1207	REL	REL	80#	0#			99	GM10B	-168 KIPS	-77 KIPS	0.25
	188.482								80#	0#			100	GM6C	0 KIPS	0 KIPS	0.19
0:24:10	190.295	0	17	RUN	6	736	REL	REL	80#	0#	-168:99	.31:98	1	SD40	51 KIPS	102 KIPS	0.00
	190.283								80#	0#			2	SD40	102 KIPS	100 KIPS	0.00
	190.271								80#	0#			3	GONDOLA	55 KIPS	52 KIPS	0.10
	190.127								80#	0#			22	GONDOLA	11 KIPS	-8 KIPS	0.10
	189.983								80#	0#			41	GONDOLA	-58 KIPS	-62 KIPS	0.14
	189.839								80#	0#			60	GONDOLA	-115 KIPS	-118 KIPS	0.22
	188.695								80#	0#			79	GONDOLA	-165 KIPS	-168 KIPS	0.31
	188.551								80#	0#			98	GONDOLA	-168 KIPS	-77 KIPS	0.27
HELPERS	189.543			RUN	6	1208	REL	REL	80#	0#			99	GM10B	-77 KIPS	0 KIPS	0.19
	189.530								80#	0#			100	GM6C	-77 KIPS	0 KIPS	0.19
PS L.JEAN.																	
0:24:11	190.300	0	17	RUN	6	737	REL	REL	80#	0#	-168:99	.28:98	1	SD40	0 KIPS	51 KIPS	0.00
	190.288								80#	0#			2	SD40	51 KIPS	102 KIPS	0.00
	190.275								80#	0#			3	GONDOLA	102 KIPS	100 KIPS	0.00
	190.131								80#	0#			22	GONDOLA	56 KIPS	53 KIPS	0.10
	189.987								80#	0#			41	GONDOLA	2 KIPS	0 KIPS	0.00
	189.844								80#	0#			60	GONDOLA	-53 KIPS	-56 KIPS	0.22
	189.700								80#	0#			79	GONDOLA	-111 KIPS	-115 KIPS	0.13
	188.558								80#	0#			98	GONDOLA	-165 KIPS	-168 KIPS	0.28
HELPERS	188.548			RUN	6	1208	REL	REL	80#	0#			99	GM10B	-168 KIPS	-76 KIPS	0.27
	188.535								80#	0#			100	GM6C	-76 KIPS	0 KIPS	0.18

-----> TRAIN ENTERING 0.00 % GRADE

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES		L/V RATIO
											FORE	AFT	
0:24:20	190.343	0	17	RUN	6	742	REL	REL	1	SD40	0 KIPS	55 KIPS	0.00
	190.330								2	SD40	55 KIPS	110 KIPS	0.00
	190.318								3	GONDOLA	110 KIPS	110 KIPS	0.00
	190.174								22	GONDOLA	59 KIPS	58 KIPS	0.10
	190.030								41	GONDOLA	17 KIPS	-11 KIPS	0.10
HELPERS	189.888								60	GONDOLA	-59 KIPS	-61 KIPS	0.14
	189.742								78	GONDOLA	-115 KIPS	-118 KIPS	0.22
	189.598								98	GONDOLA	-168 KIPS	-171 KIPS	0.28
	189.591								99	GM10B	-171 KIPS	-78 KIPS	0.28
	189.578								100	GM6C	-78 KIPS	0 KIPS	0.18
0:24:30	190.389	0	17	RUN	6	745	REL	REL	1	SD40	0 KIPS	56 KIPS	0.00
	190.377								2	SD40	56 KIPS	111 KIPS	0.00
	190.365								3	GONDOLA	111 KIPS	111 KIPS	0.00
	190.221								22	GONDOLA	82 KIPS	78 KIPS	0.00
	190.077								41	GONDOLA	-40 KIPS	27 KIPS	0.10
HELPERS	189.933								60	GONDOLA	-56 KIPS	-59 KIPS	0.13
	189.789								78	GONDOLA	-112 KIPS	-115 KIPS	0.22
	189.645								98	GONDOLA	-168 KIPS	-171 KIPS	0.28
	189.637								99	GM10B	-171 KIPS	-78 KIPS	0.28
	189.624								100	GM6C	-78 KIPS	0 KIPS	0.18
0:24:40	190.436	0	17	RUN	6	747	REL	REL	1	SD40	0 KIPS	56 KIPS	0.00
	190.424								2	SD40	56 KIPS	112 KIPS	0.00
	190.412								3	GONDOLA	112 KIPS	112 KIPS	0.00
	190.268								22	GONDOLA	88 KIPS	85 KIPS	0.00
	190.124								41	GONDOLA	32 KIPS	28 KIPS	0.10
HELPERS	189.980								60	GONDOLA	-39 KIPS	-42 KIPS	0.11
	189.838								78	GONDOLA	-101 KIPS	-104 KIPS	0.21
	189.692								98	GONDOLA	-165 KIPS	-168 KIPS	0.35
	189.684								99	GM10B	-168 KIPS	-78 KIPS	0.40
	189.671								100	GM6C	-78 KIPS	0 KIPS	0.28
0:24:50	190.483	0	17	RUN	6	733	REL	REL	1	SD40	0 KIPS	55 KIPS	0.00
	190.471								2	SD40	55 KIPS	110 KIPS	0.00
	190.459								3	GONDOLA	110 KIPS	109 KIPS	0.00
	190.315								22	GONDOLA	99 KIPS	98 KIPS	0.00
	190.171								41	GONDOLA	42 KIPS	39 KIPS	0.10
HELPERS	190.027								60	GONDOLA	-40 KIPS	-43 KIPS	0.11
	189.883								78	GONDOLA	-100 KIPS	-103 KIPS	0.21
	189.739								98	GONDOLA	-164 KIPS	-168 KIPS	0.35
	189.731								99	GM10B	-168 KIPS	-77 KIPS	0.40
	189.718								100	GM6C	-77 KIPS	0 KIPS	0.28

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STATION TIME	MP	SPEED LMT	THLTL RUN	AMPS 723	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES FORWARD FORCES	FOR SPECIFIED VEHICLES AFT	L/V RATIO
0:25:0	190.531	0	17	RUN	6	723	REL	REL	80#	0#	1	SD40	0 KIPS	54 KIPS	0.00
	190.519								80#	0#	2	SD40	54 KIPS	108 KIPS	0.00
	190.507								80#	0#	3	GONDOLA	108 KIPS	107 KIPS	0.00
	190.383								80#	0#	22	GONDOLA	100 KIPS	100 KIPS	0.00
	190.219								80#	0#	41	GONDOLA	81 KIPS	48 KIPS	0.00
	190.075								80#	0#	60	GONDOLA	-23 KIPS	-27 KIPS	0.10
	189.931								80#	0#	79	GONDOLA	-90 KIPS	-94 KIPS	0.20
	189.787								80#	0#	98	GONDOLA	-183 KIPS	-167 KIPS	0.35
HELPERS	188.779								80#	0#	99	GM108	-167 KIPS	-77 KIPS	0.40
	189.766								80#	0#	100	GM108	-77 KIPS	0 KIPS	0.28
0:25:10	190.581	0	18	RUN	6	702	REL	REL	80#	0#	1	SD40	0 KIPS	53 KIPS	0.00
	190.568								80#	0#	2	SD40	53 KIPS	108 KIPS	0.00
	190.556								80#	0#	3	GONDOLA	105 KIPS	104 KIPS	0.00
	190.412								80#	0#	22	GONDOLA	92 KIPS	91 KIPS	0.00
	190.268								80#	0#	41	GONDOLA	55 KIPS	51 KIPS	0.00
	190.124								80#	0#	60	GONDOLA	-23 KIPS	-27 KIPS	0.10
	189.980								80#	0#	79	GONDOLA	-81 KIPS	-94 KIPS	0.21
	189.836								80#	0#	98	GONDOLA	-182 KIPS	-166 KIPS	0.35
HELPERS	189.829								80#	0#	99	GM108	-182 KIPS	-76 KIPS	0.40
	189.816								80#	0#	100	GM108	-76 KIPS	0 KIPS	0.28
0:25:20	190.631	0	19	RUN	6	681	REL	REL	80#	0#	1	SD40	0 KIPS	50 KIPS	0.00
	190.619								80#	0#	2	SD40	50 KIPS	101 KIPS	0.00
	190.607								80#	0#	3	GONDOLA	101 KIPS	100 KIPS	0.00
	190.463								80#	0#	22	GONDOLA	85 KIPS	84 KIPS	0.00
	190.319								80#	0#	41	GONDOLA	84 KIPS	82 KIPS	0.00
	190.175								80#	0#	60	GONDOLA	-12 KIPS	-16 KIPS	0.10
	190.031								80#	0#	79	GONDOLA	-86 KIPS	-90 KIPS	0.19
	188.887								80#	0#	98	GONDOLA	-159 KIPS	-164 KIPS	0.34
	188.879								80#	0#	99	GM108	-164 KIPS	-74 KIPS	0.40
HELPERS	189.866								80#	0#	100	GM108	-74 KIPS	0 KIPS	0.27
0:25:24	190.650	0	19	RUN	6	671	REL	REL	80#	0#	1	SD40	0 KIPS	48 KIPS	0.00
	190.638								80#	0#	2	SD40	48 KIPS	97 KIPS	0.00
	190.625								80#	0#	3	GONDOLA	97 KIPS	96 KIPS	0.00
	190.481								80#	0#	22	GONDOLA	78 KIPS	78 KIPS	0.00
	190.337								80#	0#	41	GONDOLA	60 KIPS	59 KIPS	0.00
	190.194								80#	0#	60	GONDOLA	-7 KIPS	-11 KIPS	0.01
	190.050								80#	0#	79	GONDOLA	-84 KIPS	-88 KIPS	0.20
	189.906								80#	0#	98	GONDOLA	-159 KIPS	-163 KIPS	0.34
HELPERS	189.898								80#	0#	99	GM108	-163 KIPS	-74 KIPS	0.40
	189.885								80#	0#	100	GM108	-74 KIPS	0 KIPS	0.28
-----> RUN 3															

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRUMBAR FORCES FORE	AFT	
0:25:25	190.655	0	19	3	633	REL REL	80# 80#	1	SD40	0 KIPS	47 KIPS	0.00
	190.643						80# 80#	2	SD40	47 KIPS	94 KIPS	0.00
	190.631						80# 80#	3	GONDOLA	94 KIPS	93 KIPS	0.00
	190.487						80# 80#	22	GONDOLA	73 KIPS	72 KIPS	0.00
	190.343						80# 80#	41	GONDOLA	52 KIPS	51 KIPS	0.00
	190.199						80# 80#	60	GONDOLA	-7 KIPS	-11 KIPS	0.01
	190.055						80# 80#	79	GONDOLA	-81 KIPS	-88 KIPS	0.19
	188.911						80# 80#	98	GONDOLA	-155 KIPS	-159 KIPS	0.33
HELPERS	189.903						80# 80#	99	GM10B	-71 KIPS	0 KIPS	0.38
	189.890						80# 80#	100	GM6C	0 KIPS	0 KIPS	0.27
0:25:26	190.660	0	19	3	486	REL REL	80# 80#	1	SD40	44 KIPS	44 KIPS	0.00
	190.648						80# 80#	2	SD40	44 KIPS	90 KIPS	0.00
	190.636						80# 80#	3	GONDOLA	90 KIPS	89 KIPS	0.00
	190.492						80# 80#	22	GONDOLA	70 KIPS	69 KIPS	0.00
	190.348						80# 80#	41	GONDOLA	48 KIPS	47 KIPS	0.00
	190.204						80# 80#	60	GONDOLA	-6 KIPS	-10 KIPS	0.01
	190.060						80# 80#	79	GONDOLA	-79 KIPS	-83 KIPS	0.18
HELPERS	189.916						80# 80#	98	GONDOLA	-150 KIPS	-154 KIPS	0.31
	189.909						80# 80#	99	GM10B	-154 KIPS	-69 KIPS	0.36
	189.895						80# 80#	100	GM6C	0 KIPS	0 KIPS	0.24
0:25:30	190.684	0	19	3	895	REL REL	80# 80#	1	SD40	35 KIPS	35 KIPS	0.00
	190.671						80# 80#	2	SD40	81 KIPS	81 KIPS	0.00
	190.659						80# 80#	3	GONDOLA	81 KIPS	80 KIPS	0.00
	190.515						80# 80#	22	GONDOLA	61 KIPS	60 KIPS	0.00
	190.371						80# 80#	41	GONDOLA	41 KIPS	41 KIPS	0.00
	190.227						80# 80#	60	GONDOLA	38 KIPS	43 KIPS	0.00
	190.083						80# 80#	79	GONDOLA	-70 KIPS	-74 KIPS	0.14
HELPERS	189.939						80# 80#	98	GONDOLA	-138 KIPS	-140 KIPS	0.24
	189.932						80# 80#	99	GM10B	-140 KIPS	-60 KIPS	0.27
	189.919						80# 80#	100	GM6C	0 KIPS	0 KIPS	0.20
0:25:40	190.736	0	19	3	583	REL REL	80# 80#	1	SD40	21 KIPS	21 KIPS	0.00
	190.723						80# 80#	2	SD40	42 KIPS	42 KIPS	0.00
	190.711						80# 80#	3	GONDOLA	42 KIPS	50 KIPS	0.00
	190.567						80# 80#	22	GONDOLA	49 KIPS	58 KIPS	0.00
	190.423						80# 80#	41	GONDOLA	57 KIPS	50 KIPS	0.00
	190.279						80# 80#	60	GONDOLA	52 KIPS	50 KIPS	0.00
	190.135						80# 80#	79	GONDOLA	38 KIPS	-42 KIPS	0.10
HELPERS	189.991						80# 80#	98	GONDOLA	-74 KIPS	-76 KIPS	0.17
	189.984						80# 80#	99	GM10B	-76 KIPS	-37 KIPS	0.23
	189.971						80# 80#	100	GM6C	-37 KIPS	0 KIPS	0.19

[illegible]

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	BRAKES PIPE CYL	PRESSURE KIPS:CAR	MAXIMUMS (AND LOCATION) L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO			
											DRUMBAR FORE	FORCES AFT				
0:25:56	190.815	0	18	RUN	1	117	12# REL	78# 8#	56:80	13:99	1	SD40	0 KIPS	8 KIPS	0.00	
	190.803							77# 5#			2	SD40	8 KIPS	19 KIPS	0.00	
	190.791							79# 2#			3	GONDOLA	19 KIPS	19 KIPS	0.00	
	190.647							80# 0#			22	GONDOLA	22 KIPS	22 KIPS	0.00	
	190.503							80# 0#			41	GONDOLA	25 KIPS	25 KIPS	0.00	
	190.359							80# 0#			60	GONDOLA	29 KIPS	29 KIPS	0.00	
HELPERS	190.215							80# 0#			79	GONDOLA	62 KIPS	66 KIPS	0.00	
	190.071							78# 4#			98	GONDOLA	-40 KIPS	-42 KIPS	0.11	
	190.063							78# 8#			99	GM10B	-18 KIPS	-18 KIPS	0.13	
	190.050							78# 8#			100	GM8C	0 KIPS	0 KIPS	0.12	
	0:25:57	190.820	0	18	RUN	1	105	12# REL	74# 11#	92:84	13:99	1	SD40	0 KIPS	2 KIPS	0.00
	190.808							75# 9#			2	SD40	2 KIPS	6 KIPS	0.00	
0:25:58	190.796							78# 4#			3	GONDOLA	6 KIPS	6 KIPS	0.00	
	190.652							79# 1#			22	GONDOLA	13 KIPS	14 KIPS	0.00	
	190.508							80# 1#			41	GONDOLA	22 KIPS	22 KIPS	0.00	
	190.384							79# 1#			60	GONDOLA	32 KIPS	32 KIPS	0.00	
	190.220							79# 2#			79	GONDOLA	57 KIPS	65 KIPS	0.00	
	190.078							77# 5#			98	GONDOLA	-17 KIPS	-18 KIPS	0.11	
HELPERS	190.068							74# 11#			99	GM10B	-18 KIPS	-8 KIPS	0.13	
	190.055							74# 11#			100	GM8C	0 KIPS	0 KIPS	0.12	
	0:25:58	190.825	0	18	RUN	1	105	12# REL	72# 14#	100:88	13:99	1	SD40	0 KIPS	0 KIPS	0.00
	190.813							73# 12#			2	SD40	0 KIPS	0 KIPS	0.00	
	190.801							77# 6#			3	GONDOLA	0 KIPS	1 KIPS	0.00	
	190.657							78# 4#			22	GONDOLA	12 KIPS	12 KIPS	0.00	
0:25:59	190.513							78# 3#			41	GONDOLA	23 KIPS	24 KIPS	0.00	
	190.369							78# 3#			60	GONDOLA	35 KIPS	35 KIPS	0.00	
	190.225							78# 4#			79	GONDOLA	37 KIPS	48 KIPS	0.00	
	190.081							78# 7#			98	GONDOLA	-15 KIPS	-16 KIPS	0.10	
	HELPERS	190.073						72# 14#			99	GM10B	-16 KIPS	-7 KIPS	0.13	
	190.060							72# 14#			100	GM8C	0 KIPS	0 KIPS	0.12	
0:25:59	190.830	0	18	RUN	1	105	12# REL	71# 17#	116:92	12:99	1	SD40	0 KIPS	0 KIPS	0.00	
	190.818							72# 15#			2	SD40	0 KIPS	0 KIPS	0.00	
	190.806							76# 7#			3	GONDOLA	0 KIPS	0 KIPS	0.00	
	190.662							77# 5#			22	GONDOLA	13 KIPS	14 KIPS	0.00	
	190.518							77# 5#			41	GONDOLA	27 KIPS	28 KIPS	0.00	
	190.374							77# 5#			60	GONDOLA	40 KIPS	41 KIPS	0.00	
HELPERS	190.230							77# 6#			79	GONDOLA	27 KIPS	25 KIPS	0.00	
	190.086							75# 9#			98	GONDOLA	-10 KIPS	-12 KIPS	0.10	
	190.079							71# 17#			99	GM10B	-5 KIPS	-5 KIPS	0.12	
	190.065							71# 17#			100	GM8C	0 KIPS	0 KIPS	0.12	

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
						TRN	IND				DRUMBAR FORCES FORE	AFT			
0:26: 0	190.835	0	18	RUN	1	108	12# REL	70# 19#	116:94	12:99	1	SD40	0 KIPS	-17 KIPS	0.00
	190.823							71# 17#			2	SD40	-17 KIPS	-28 KIPS	0.00
	190.811							75# 9#			3	GONDOLA	0 KIPS	11 KIPS	0.00
	190.667							76# 7#			22	GONDOLA	11 KIPS	12 KIPS	0.00
	190.523							76# 6#			41	GONDOLA	27 KIPS	28 KIPS	0.00
HELPERS	190.378							76# 7#			60	GONDOLA	45 KIPS	46 KIPS	0.00
	190.235							76# 7#			79	GONDOLA	38 KIPS	38 KIPS	0.00
	190.091							74# 10#			98	GONDOLA	-9 KIPS	-11 KIPS	0.10
	190.084							70# 19#			99	GM108	-5 KIPS	-5 KIPS	0.12
	190.070							70# 19#			100	GM108	0 KIPS	0 KIPS	0.12
0:26: 0	190.838	0	18	RUN	1	108	12# REL	70# 20#	118:97	12:99	1	SD40	0 KIPS	-1 KIPS	0.00
	190.825							71# 19#			2	SD40	-1 KIPS	-2 KIPS	0.00
	190.813							75# 9#			3	GONDOLA	-2 KIPS	0 KIPS	0.00
	190.669							76# 8#			22	GONDOLA	11 KIPS	12 KIPS	0.00
	190.525							76# 7#			41	GONDOLA	28 KIPS	29 KIPS	0.00
HELPERS	190.381							76# 7#			60	GONDOLA	49 KIPS	49 KIPS	0.00
	190.237							76# 8#			79	GONDOLA	41 KIPS	39 KIPS	0.00
	190.093							74# 11#			98	GONDOLA	-8 KIPS	-8 KIPS	0.08
	190.086							70# 20#			99	GM108	-8 KIPS	-3 KIPS	0.12
	190.073							70# 20#			100	GM108	-3 KIPS	0 KIPS	0.12
0:26: 1	190.842	0	18	RUN	1	108	12# REL	69# 22#	134:99	12:100	1	SD40	0 KIPS	-12 KIPS	0.00
	190.830							70# 21#			2	SD40	-12 KIPS	-24 KIPS	0.01
	190.818							74# 11#			3	GONDOLA	-24 KIPS	-31 KIPS	0.00
	190.674							75# 8#			22	GONDOLA	14 KIPS	15 KIPS	0.00
	190.530							75# 9#			41	GONDOLA	31 KIPS	32 KIPS	0.00
HELPERS	190.386							75# 9#			60	GONDOLA	48 KIPS	49 KIPS	0.00
	190.242							75# 9#			79	GONDOLA	43 KIPS	41 KIPS	0.00
	190.088							73# 13#			98	GONDOLA	121 KIPS	134 KIPS	0.08
	190.091							69# 22#			99	GM108	134 KIPS	105 KIPS	0.12
	190.077							69# 22#			100	GM108	105 KIPS	0 KIPS	0.12
0:26: 2	190.847	0	18	RUN	1	107	12# REL	69# 25#	56:71	12:100	1	SD40	0 KIPS	-10 KIPS	0.01
	190.835							69# 23#			2	SD40	-10 KIPS	-21 KIPS	0.01
	190.823							73# 12#			3	GONDOLA	-21 KIPS	-27 KIPS	0.01
	190.679							74# 10#			22	GONDOLA	13 KIPS	14 KIPS	0.00
	190.535							74# 10#			41	GONDOLA	30 KIPS	31 KIPS	0.00
HELPERS	190.381							74# 10#			60	GONDOLA	47 KIPS	48 KIPS	0.00
	190.247							74# 11#			79	GONDOLA	42 KIPS	40 KIPS	0.00
	190.103							72# 14#			98	GONDOLA	3 KIPS	0 KIPS	0.08
	190.095							69# 25#			99	GM108	0 KIPS	2 KIPS	0.12
	190.082							69# 25#			100	GM108	2 KIPS	0 KIPS	0.12

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 1	SETTING 107	PRESSURE 12#	REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0:28: 3	190.852	0	17	RUN	1	107	12# REL	55:72 .12:100	1	SD40	0 KIPS	0.01
	190.840								2	SD40	-9 KIPS	0.02
	190.828								3	GONDOLA	-18 KIPS	0.02
	190.824								22	GONDOLA	-24 KIPS	0.00
	190.840								41	GONDOLA	13 KIPS	0.00
	190.398								60	GONDOLA	29 KIPS	0.00
	190.252								79	GONDOLA	46 KIPS	0.00
	190.108								98	GONDOLA	40 KIPS	0.00
HELPERS	190.100								99	GONDOLA	0 KIPS	0.09
	190.087								100	GM10B	1 KIPS	0.12
0:28: 4	190.857	0	17	RUN	1	108	12# REL	53:73 .12:99	1	GM6C	0 KIPS	0.12
	190.845								2	SD40	0 KIPS	0.02
	190.832								3	SD40	-8 KIPS	0.02
	190.688								22	GONDOLA	-18 KIPS	0.03
	190.545								41	GONDOLA	10 KIPS	0.02
	190.401								60	GONDOLA	28 KIPS	0.00
	190.257								79	GONDOLA	43 KIPS	0.00
	190.113								98	GONDOLA	44 KIPS	0.00
HELPERS	190.105								99	GONDOLA	40 KIPS	0.00
	190.092								100	GM10B	-4 KIPS	0.09
0:28: 5	190.862	0	17	RUN	1	108	12# REL	52:73 .12:100	1	GM6C	1 KIPS	0.12
	190.849								2	SD40	0 KIPS	0.12
	190.837								3	SD40	-8 KIPS	0.02
	190.693								22	GONDOLA	-12 KIPS	0.03
	190.549								41	GONDOLA	8 KIPS	0.02
	190.405								60	GONDOLA	24 KIPS	0.00
	190.261								79	GONDOLA	41 KIPS	0.00
	190.117								98	GONDOLA	41 KIPS	0.00
HELPERS	190.110								99	GONDOLA	3 KIPS	0.00
	190.097								100	GM10B	3 KIPS	0.09
0:28: 6	190.868	0	17	RUN	1	109	12# REL	50:74 .12:100	1	GM6C	2 KIPS	0.12
	190.854								2	SD40	0 KIPS	0.12
	190.842								3	SD40	-8 KIPS	0.02
	190.698								22	GONDOLA	-12 KIPS	0.03
	190.554								41	GONDOLA	8 KIPS	0.02
	190.410								60	GONDOLA	22 KIPS	0.00
	190.266								79	GONDOLA	39 KIPS	0.00
	190.122								98	GONDOLA	41 KIPS	0.00
HELPERS	190.115								99	GONDOLA	3 KIPS	0.00
	190.101								100	GM10B	1 KIPS	0.09
										GM6C	2 KIPS	0.12
											0 KIPS	0.12

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STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE PIPE CYL	BRAKES (AND LOCATION) KIPS:CAR L/V:CAR	MAXIMUMS L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRANBAR FORCES FORE	DRANBAR FORCES AFT	
0:28: 7	190.871	0	17	RUN	1	109	12# REL	88# 28#	1	SD40	0 KIPS	-6 KIPS	0.02
	190.859							88# 28#	2	SD40	-6 KIPS	-13 KIPS	0.03
	190.846							71# 19#	3	GONDOLA	-13 KIPS	-12 KIPS	0.03
	190.703							71# 17#	22	GONDOLA	4 KIPS	5 KIPS	0.00
	190.559							71# 17#	41	GONDOLA	21 KIPS	21 KIPS	0.00
HELPERS	190.415							71# 17#	60	GONDOLA	37 KIPS	38 KIPS	0.00
	190.271							71# 17#	79	GONDOLA	39 KIPS	39 KIPS	0.00
	190.127							70# 21#	98	GONDOLA	1 KIPS	1 KIPS	0.09
	190.119							88# 28#	99	GM10B	2 KIPS	2 KIPS	0.13
	190.106							88# 28#	100	GM8C	0 KIPS	0 KIPS	0.13
0:28: 8	190.876	0	18	RUN	1	110	12# REL	88# 28#	1	SD40	0 KIPS	-6 KIPS	0.02
	190.863							88# 28#	2	SD40	-6 KIPS	-13 KIPS	0.03
	190.851							70# 20#	3	GONDOLA	2 KIPS	-12 KIPS	0.03
	190.707							71# 18#	22	GONDOLA	18 KIPS	3 KIPS	0.00
	190.563							71# 18#	41	GONDOLA	35 KIPS	19 KIPS	0.00
HELPERS	190.419							71# 18#	60	GONDOLA	38 KIPS	38 KIPS	0.00
	190.275							71# 18#	79	GONDOLA	40 KIPS	38 KIPS	0.00
	190.131							69# 22#	98	GONDOLA	0 KIPS	0 KIPS	0.09
	190.124							88# 28#	99	GM10B	2 KIPS	2 KIPS	0.13
	190.111							88# 28#	100	GM8C	0 KIPS	0 KIPS	0.13
0:28: 9	190.880	0	18	RUN	1	110	12# REL	88# 28#	1	SD40	0 KIPS	-6 KIPS	0.02
	190.868							88# 28#	2	SD40	-6 KIPS	-12 KIPS	0.03
	190.856							70# 21#	3	GONDOLA	-12 KIPS	-12 KIPS	0.03
	190.712							70# 19#	22	GONDOLA	-33 KIPS	2 KIPS	0.00
	190.568							70# 19#	41	GONDOLA	17 KIPS	18 KIPS	0.00
HELPERS	190.424							70# 19#	60	GONDOLA	34 KIPS	34 KIPS	0.00
	190.280							70# 20#	79	GONDOLA	40 KIPS	38 KIPS	0.00
	190.136							89# 23#	98	GONDOLA	3 KIPS	0 KIPS	0.10
	190.128							88# 28#	99	GM10B	0 KIPS	1 KIPS	0.13
	190.115							88# 28#	100	GM8C	0 KIPS	0 KIPS	0.13
0:28:10	190.885	0	18	RUN	1	111	12# REL	88# 28#	1	SD40	0 KIPS	-6 KIPS	0.02
	190.872							88# 28#	2	SD40	-6 KIPS	-12 KIPS	0.03
	190.860							89# 22#	3	GONDOLA	-12 KIPS	-30 KIPS	0.02
	190.716							70# 21#	22	GONDOLA	15 KIPS	18 KIPS	0.00
	190.572							70# 20#	41	GONDOLA	32 KIPS	33 KIPS	0.00
HELPERS	190.428							70# 20#	60	GONDOLA	40 KIPS	38 KIPS	0.00
	190.284							70# 21#	79	GONDOLA	3 KIPS	0 KIPS	0.10
	190.140							69# 25#	98	GM10B	0 KIPS	1 KIPS	0.13
	190.133							88# 28#	99	GM8C	1 KIPS	0 KIPS	0.13
	190.120							88# 28#	100		1 KIPS	0 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	BRAKES SETTING IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	AFT	
0:26:11	190.859	0	16	RUN	1	112	12# REL	68# 28#	SD40	0 KIPS	-6 KIPS	0.02
	190.877							88# 28#	SD40	-6 KIPS	-12 KIPS	0.03
	190.864							69# 24#	GONDOLA	-12 KIPS	-24 KIPS	0.02
	190.720							70# 22#	GONDOLA	-22 KIPS	14 KIPS	0.00
	190.576							70# 21#	GONDOLA	31 KIPS	31 KIPS	0.00
HELPERS	190.432							70# 21#	GONDOLA	40 KIPS	38 KIPS	0.00
	190.289							70# 22#	GONDOLA	3 KIPS	0 KIPS	0.00
	190.145							88# 28#	GM10B	0 KIPS	1 KIPS	0.13
	190.137							88# 28#	GM6C	1 KIPS	0 KIPS	0.13
	190.124							88# 28#	SD40	0 KIPS	-6 KIPS	0.13
0:26:12	190.893	0	15	RUN	1	112	12# REL	88# 28#	SD40	-6 KIPS	-12 KIPS	0.03
	190.881							88# 28#	SD40	-12 KIPS	-12 KIPS	0.02
	190.869							88# 25#	GONDOLA	-17 KIPS	13 KIPS	0.00
	190.725							89# 23#	GONDOLA	29 KIPS	29 KIPS	0.00
	190.581							89# 22#	GONDOLA	40 KIPS	38 KIPS	0.00
HELPERS	190.437							88# 22#	GONDOLA	2 KIPS	-11 KIPS	0.00
	190.283							89# 23#	GM10B	-11 KIPS	1 KIPS	0.13
	190.149							88# 27#	GM6C	1 KIPS	0 KIPS	0.13
	190.141							88# 28#	SD40	0 KIPS	-6 KIPS	0.13
	190.128							88# 28#	SD40	-12 KIPS	-11 KIPS	0.02
0:26:13	190.897	0	15	RUN	1	113	12# REL	88# 28#	GONDOLA	-12 KIPS	13 KIPS	0.00
	190.885							88# 26#	GONDOLA	27 KIPS	28 KIPS	0.00
	190.873							89# 24#	GONDOLA	39 KIPS	37 KIPS	0.00
	190.728							89# 23#	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.585							89# 24#	GM10B	-2 KIPS	0 KIPS	0.13
HELPERS	190.441							88# 28#	GM6C	0 KIPS	-6 KIPS	0.13
	190.297							88# 28#	SD40	-8 KIPS	-12 KIPS	0.03
	190.153							88# 27#	GONDOLA	-12 KIPS	-14 KIPS	0.02
	190.148							88# 28#	GONDOLA	12 KIPS	13 KIPS	0.00
	190.132							88# 28#	GONDOLA	27 KIPS	28 KIPS	0.00
0:26:14	190.902	0	15	RUN	1	114	12# REL	88# 28#	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.889							88# 28#	GM6C	0 KIPS	0 KIPS	0.13
	190.877							88# 27#	SD40	-6 KIPS	-8 KIPS	0.01
	190.733							88# 25#	GONDOLA	-12 KIPS	-11 KIPS	0.03
	190.589							89# 25#	GONDOLA	-8 KIPS	-10 KIPS	0.02
HELPERS	190.445							89# 25#	GONDOLA	10 KIPS	11 KIPS	0.00
	190.301							88# 25#	GONDOLA	25 KIPS	26 KIPS	0.00
	190.157							88# 28#	GONDOLA	39 KIPS	37 KIPS	0.00
	190.150							88# 28#	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.137							88# 28#	GM10B	-2 KIPS	0 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS 115 12#	SETTING TRN IND PIPE CYL	PRESSURE REL	BRAKES TRN IND PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES		L/V RATIO		
											FORE	AFT			
0:26:15	190.808	0	14	RUN	1	115	12#	REL	68# 28#	37:78	13:100	1	SD40	-8 KIPS	0.01
	190.883					68# 28#			68# 28#			2	SD40	-11 KIPS	0.03
	190.881					68# 28#			68# 28#			3	GONDOLA	-11 KIPS	0.02
	190.737					68# 28#			68# 28#			22	GONDOLA	-5 KIPS	0.00
	190.593					68# 26#			68# 26#			41	GONDOLA	9 KIPS	0.00
HELPERS	190.449					68# 26#			68# 26#			60	GONDOLA	24 KIPS	0.00
	190.305					68# 26#			68# 26#			79	GONDOLA	35 KIPS	0.00
	190.181					68# 28#			68# 28#			88	GONDOLA	-11 KIPS	0.00
	190.154					68# 28#			68# 28#			99	GM108	-7 KIPS	0.00
	190.141					68# 28#			68# 28#			100	GM6C	0 KIPS	0.00
0:26:16	190.910	0	14	RUN	1	115	12#	REL	68# 28#	36:78	13:100	1	SD40	-8 KIPS	0.13
	190.897					68# 28#			68# 28#			2	SD40	0 KIPS	0.01
	190.885					68# 28#			68# 28#			3	GONDOLA	-11 KIPS	0.02
	190.741					68# 27#			68# 27#			22	GONDOLA	-11 KIPS	0.02
	190.597					68# 27#			68# 27#			41	GONDOLA	-3 KIPS	0.00
HELPERS	190.453					68# 27#			68# 27#			60	GONDOLA	9 KIPS	0.00
	190.308					68# 27#			68# 27#			79	GONDOLA	23 KIPS	0.00
	190.185					68# 28#			68# 28#			88	GONDOLA	38 KIPS	0.00
	190.158					68# 28#			68# 28#			98	GONDOLA	-2 KIPS	0.00
	190.145					68# 28#			68# 28#			100	GM108	-3 KIPS	0.00
0:26:17	190.913	0	14	RUN	1	118	12#	REL	68# 28#	35:80	02:2	1	SD40	0 KIPS	0.13
	190.901					68# 28#			68# 28#			2	SD40	-5 KIPS	0.01
	190.889					68# 28#			68# 28#			3	GONDOLA	-11 KIPS	0.02
	190.745					68# 28#			68# 28#			22	GONDOLA	-10 KIPS	0.02
	190.601					68# 28#			68# 28#			41	GONDOLA	-3 KIPS	0.00
HELPERS	190.457					68# 28#			68# 28#			60	GONDOLA	8 KIPS	0.00
	190.313					68# 28#			68# 28#			79	GONDOLA	21 KIPS	0.00
	190.169					68# 28#			68# 28#			88	GONDOLA	34 KIPS	0.00
	190.162					68# 28#			68# 28#			98	GONDOLA	-5 KIPS	0.00
	190.148					68# 28#			68# 28#			99	GM108	-8 KIPS	0.00
0:26:18	190.917	0	14	RUN	1	117	12#	REL	68# 28#	34:80	02:2	1	SD40	-17 KIPS	0.00
	190.905					68# 28#			68# 28#			100	GM6C	0 KIPS	0.00
	190.893					68# 28#			68# 28#			2	SD40	-5 KIPS	0.01
	190.749					68# 28#			68# 28#			3	GONDOLA	-11 KIPS	0.02
	190.605					68# 28#			68# 28#			22	GONDOLA	-10 KIPS	0.02
HELPERS	190.461					68# 28#			68# 28#			41	GONDOLA	-3 KIPS	0.00
	190.317					68# 28#			68# 28#			60	GONDOLA	8 KIPS	0.00
	190.173					68# 28#			68# 28#			79	GONDOLA	20 KIPS	0.00
	190.165					68# 28#			68# 28#			88	GONDOLA	33 KIPS	0.00
	190.152					68# 28#			68# 28#			98	GONDOLA	-2 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:28:18	190.921	0	13	RUN	1	118	12# REL	1	SD40	0 KIPS	-5 KIPS	0.01
	190.909							2	SD40	-5 KIPS	-11 KIPS	0.02
	190.896							3	GONDOLA	-11 KIPS	-10 KIPS	0.02
	190.752							22	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.608							41	GONDOLA	7 KIPS	8 KIPS	0.00
	190.485							60	GONDOLA	19 KIPS	20 KIPS	0.00
	190.321							79	GONDOLA	32 KIPS	32 KIPS	0.00
	190.177							98	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.168							99	GM10B	-4 KIPS	-1 KIPS	0.00
	190.156							100	GM8C	-1 KIPS	0 KIPS	0.00
0:28:20	190.925	0	13	RUN	1	120	12# REL	1	SD40	0 KIPS	0 KIPS	0.01
	190.912							2	SD40	-5 KIPS	-11 KIPS	0.02
	190.800							3	GONDOLA	-11 KIPS	-10 KIPS	0.02
	190.756							22	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.612							41	GONDOLA	7 KIPS	8 KIPS	0.00
	190.488							60	GONDOLA	19 KIPS	19 KIPS	0.00
	190.324							79	GONDOLA	31 KIPS	31 KIPS	0.00
	190.180							98	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.173							99	GM10B	-4 KIPS	-1 KIPS	0.00
	190.160							100	GM8C	-1 KIPS	0 KIPS	0.00
0:28:21	190.928	0	13	RUN	1	121	12# REL	1	SD40	0 KIPS	-5 KIPS	0.01
	190.916							2	SD40	-5 KIPS	-10 KIPS	0.02
	190.804							3	GONDOLA	-10 KIPS	-2 KIPS	0.02
	190.760							22	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.616							41	GONDOLA	7 KIPS	8 KIPS	0.00
	190.472							60	GONDOLA	19 KIPS	19 KIPS	0.00
	190.328							79	GONDOLA	30 KIPS	31 KIPS	0.00
	190.184							98	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.178							99	GM10B	-4 KIPS	-1 KIPS	0.00
	190.163							100	GM8C	-1 KIPS	0 KIPS	0.00
0:28:22	190.932	0	12	RUN	1	122	12# REL	1	SD40	0 KIPS	-5 KIPS	0.01
	190.919							2	SD40	-5 KIPS	-10 KIPS	0.02
	190.807							3	GONDOLA	-10 KIPS	-2 KIPS	0.02
	190.763							22	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.619							41	GONDOLA	7 KIPS	8 KIPS	0.00
	190.475							60	GONDOLA	18 KIPS	19 KIPS	0.00
	190.331							79	GONDOLA	29 KIPS	30 KIPS	0.00
	190.187							98	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.180							99	GM10B	-4 KIPS	-1 KIPS	0.00
	190.167							100	GM8C	-1 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT	THLE RUN	AMPS	TRN	IND	PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0:26:23	190.935	0	12	RUN 1	123	12#	REL	68# 28#	32:83 .02:2	1	SD40	0 KIPS	0.01
	190.923							68# 28#		2	SD40	-5 KIPS	0.02
	190.910							68# 28#		3	GONDOLA	-10 KIPS	0.02
	190.788							68# 28#		22	GONDOLA	-3 KIPS	0.00
	190.622							68# 28#		41	GONDOLA	8 KIPS	0.00
	190.478							68# 28#		60	GONDOLA	19 KIPS	0.00
	190.335							68# 28#		79	GONDOLA	30 KIPS	0.00
	190.191							68# 28#		98	GONDOLA	0 KIPS	0.00
	190.183							68# 28#		98	GM10B	-3 KIPS	0.00
HELPERS	190.170			RUN 1	254	12#	REL	68# 28#		100	GM6C	0 KIPS	0.00
	190.938							68# 28#		1	SD40	0 KIPS	0.00
0:26:24	190.926	0	12	RUN 1	125	12#	REL	68# 28#	31:83 .02:2	2	SD40	-5 KIPS	0.01
	190.914							68# 28#		3	SD40	-10 KIPS	0.02
	190.770							68# 28#		22	GONDOLA	-9 KIPS	0.02
	190.626							68# 28#		41	GONDOLA	-2 KIPS	0.00
	190.482							68# 28#		60	GONDOLA	7 KIPS	0.00
	190.338							68# 28#		78	GONDOLA	18 KIPS	0.00
	190.194							68# 28#		98	GONDOLA	29 KIPS	0.00
HELPERS	190.186			RUN 1	255	12#	REL	68# 28#		98	GONDOLA	0 KIPS	0.00
	190.173							68# 28#		100	GM10B	-2 KIPS	0.00
0:26:25	190.941	0	11	RUN 1	126	12#	REL	68# 28#	31:84 .02:2	1	SD40	0 KIPS	0.00
	190.929							68# 28#		2	SD40	-5 KIPS	0.01
	190.817							68# 28#		3	GONDOLA	-10 KIPS	0.02
	190.773							68# 28#		22	GONDOLA	-9 KIPS	0.02
	190.629							68# 28#		41	GONDOLA	-2 KIPS	0.00
	190.485							68# 28#		60	GONDOLA	7 KIPS	0.00
	190.341							68# 28#		78	GONDOLA	18 KIPS	0.00
	190.197							68# 28#		98	GONDOLA	29 KIPS	0.00
HELPERS	190.180			RUN 1	255	12#	REL	68# 28#		98	GM10B	0 KIPS	0.00
	190.178							68# 28#		100	GM6C	-2 KIPS	0.00
0:26:26	190.945	0	11	RUN 1	127	12#	REL	68# 28#	30:84 .02:2	1	SD40	0 KIPS	0.00
	190.932							68# 28#		2	SD40	-5 KIPS	0.01
	190.920							68# 28#		3	GONDOLA	-9 KIPS	0.02
	190.778							68# 28#		22	GONDOLA	-2 KIPS	0.00
	190.632							68# 28#		41	GONDOLA	8 KIPS	0.00
	190.488							68# 28#		60	GONDOLA	17 KIPS	0.00
	190.344							68# 28#		78	GONDOLA	27 KIPS	0.00
	190.200							68# 28#		98	GONDOLA	0 KIPS	0.00
HELPERS	190.193			RUN 1	255	12#	REL	68# 28#		98	GM10B	-2 KIPS	0.00
	190.180							68# 28#		100	GM6C	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER		FOR AFT	L/V RATIO
									DRUMBAR FORCES FORE	DRUMBAR FORCES AFT		
0:26:27	190.948	0	11	RUN 1	129	12# REL	29:84 .02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.935					88# 28#		2	SD40	-5 KIPS	-9 KIPS	0.02
	190.923					88# 28#		3	GONDOLA	-9 KIPS	-1 KIPS	0.02
	190.779					88# 28#		22	GONDOLA	-2 KIPS	8 KIPS	0.00
	190.635					88# 28#		41	GONDOLA	17 KIPS	18 KIPS	0.00
HELPERS	190.491					88# 28#		60	GONDOLA	27 KIPS	-2 KIPS	0.00
	190.347					88# 28#		79	GONDOLA	0 KIPS	0 KIPS	0.00
	190.203					88# 28#		99	GONDOLA	-2 KIPS	0 KIPS	0.00
	190.180					88# 28#		100	GM10B	0 KIPS	0 KIPS	0.00
	190.183					88# 28#		100	GM6C	0 KIPS	0 KIPS	0.00
0:26:28	190.951	0	10	RUN 1	131	12# REL	29:85 .02:2	1	SD40	-4 KIPS	-4 KIPS	0.01
	190.938					88# 28#		2	SD40	-9 KIPS	-8 KIPS	0.02
	190.926					88# 28#		3	GONDOLA	-1 KIPS	9 KIPS	0.00
	190.782					88# 28#		41	GONDOLA	17 KIPS	18 KIPS	0.00
	190.638					88# 28#		60	GONDOLA	26 KIPS	-2 KIPS	0.00
HELPERS	190.494					88# 28#		79	GONDOLA	0 KIPS	0 KIPS	0.00
	190.350					88# 28#		98	GONDOLA	-2 KIPS	0 KIPS	0.00
	190.208					88# 28#		100	GM10B	0 KIPS	0 KIPS	0.00
	190.188					88# 28#		100	GM6C	0 KIPS	0 KIPS	0.00
	190.953	0	10	RUN 1	133	12# REL	28:85 .02:2	1	SD40	-4 KIPS	-4 KIPS	0.01
0:26:29	190.841					88# 28#		2	SD40	-8 KIPS	-8 KIPS	0.02
	190.828					88# 28#		3	GONDOLA	-1 KIPS	8 KIPS	0.00
	190.785					88# 28#		41	GONDOLA	17 KIPS	26 KIPS	0.00
	190.641					88# 28#		60	GONDOLA	0 KIPS	0 KIPS	0.00
	190.497					88# 28#		78	GONDOLA	-2 KIPS	0 KIPS	0.00
HELPERS	190.353					88# 28#		98	GONDOLA	0 KIPS	0 KIPS	0.00
	190.208					88# 28#		98	GM10B	0 KIPS	0 KIPS	0.00
	190.202					88# 28#		100	GM6C	0 KIPS	0 KIPS	0.00
	190.188					88# 28#		1	SD40	-4 KIPS	-4 KIPS	0.01
	190.856	0	10	RUN 1	135	12# REL	27:86 .02:2	2	SD40	-8 KIPS	-8 KIPS	0.02
0:26:30	190.844					88# 28#		3	GONDOLA	-1 KIPS	8 KIPS	0.00
	190.932					88# 28#		41	GONDOLA	16 KIPS	17 KIPS	0.00
	190.788					88# 28#		60	GONDOLA	24 KIPS	0 KIPS	0.00
	190.644					88# 28#		78	GONDOLA	-2 KIPS	0 KIPS	0.00
	190.500					88# 28#		98	GONDOLA	0 KIPS	0 KIPS	0.00
HELPERS	190.358					88# 28#		98	GM10B	0 KIPS	0 KIPS	0.00
	190.212					88# 28#		99	GM6C	0 KIPS	0 KIPS	0.00
	190.204					88# 28#		100				
	190.191					88# 28#						
						88# 28#						

STATION TIME	MP	SPEED LMT	THLTL RUN	AMPS	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES		L/V RATIO		
					SETTING TRN	IND PIPE CYL			IDENTIFIER	DRUMBAR FORCES FORE AFT			
0:28:31	190.959	0	10	RUN	1	137 12# REL	68# 28#	25:88 .02:2	1	SD40	0 KIPS	-4 KIPS	0.01
	190.947						68# 28#		2	SD40	-4 KIPS	-8 KIPS	0.02
	190.934						68# 28#		3	GONDOLA	-8 KIPS	18 KIPS	0.02
	190.790						68# 28#		22	GONDOLA	7 KIPS	8 KIPS	0.00
	190.848						68# 28#		41	GONDOLA	15 KIPS	15 KIPS	0.00
HELPERS	190.502						68# 28#		60	GONDOLA	22 KIPS	22 KIPS	0.00
	190.359						68# 28#		79	GONDOLA	-8 KIPS	-8 KIPS	0.00
	190.215						68# 28#		98	GONDOLA	-3 KIPS	0 KIPS	0.00
	190.207						68# 28#		100	GM108	-3 KIPS	0 KIPS	0.00
	190.194						68# 28#		1	SD40	-4 KIPS	-8 KIPS	0.01
0:28:32	190.962	0	9	RUN	1	138 12# REL	68# 28#	24:88 .02:2	1	SD40	0 KIPS	-4 KIPS	0.01
	190.849						68# 28#		2	SD40	-4 KIPS	-8 KIPS	0.02
	190.837						68# 28#		3	GONDOLA	-8 KIPS	18 KIPS	0.02
	190.793						68# 28#		22	GONDOLA	8 KIPS	8 KIPS	0.00
	190.649						68# 28#		41	GONDOLA	15 KIPS	15 KIPS	0.00
HELPERS	190.505						68# 28#		60	GONDOLA	22 KIPS	22 KIPS	0.00
	190.361						68# 28#		79	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.217						68# 28#		98	GONDOLA	-1 KIPS	0 KIPS	0.00
	190.210						68# 28#		98	GM108	-4 KIPS	-1 KIPS	0.00
	190.197						68# 28#		100	GM6C	-1 KIPS	0 KIPS	0.00
0:28:33	190.964	0	9	RUN	1	141 12# REL	68# 28#	24:87 .02:2	1	SD40	0 KIPS	-4 KIPS	0.01
	190.852						68# 28#		2	SD40	-4 KIPS	-7 KIPS	0.02
	190.839						68# 28#		3	GONDOLA	-7 KIPS	11 KIPS	0.01
	190.795						68# 28#		22	GONDOLA	12 KIPS	8 KIPS	0.00
	190.652						68# 28#		41	GONDOLA	8 KIPS	15 KIPS	0.00
HELPERS	190.508						68# 28#		60	GONDOLA	14 KIPS	21 KIPS	0.00
	190.364						68# 28#		79	GONDOLA	21 KIPS	21 KIPS	0.00
	190.220						68# 28#		98	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.212						68# 28#		98	GM108	-4 KIPS	-1 KIPS	0.00
	190.199						68# 28#		100	GM6C	-1 KIPS	0 KIPS	0.00
0:28:34	190.968	0	9	RUN	1	143 12# REL	68# 28#	23:87 .02:2	1	SD40	0 KIPS	-4 KIPS	0.01
	190.954						68# 28#		2	SD40	-4 KIPS	-7 KIPS	0.02
	190.842						68# 28#		3	GONDOLA	-7 KIPS	10 KIPS	0.01
	190.798						68# 28#		22	GONDOLA	10 KIPS	8 KIPS	0.00
	190.654						68# 28#		41	GONDOLA	8 KIPS	14 KIPS	0.00
HELPERS	190.510						68# 28#		60	GONDOLA	14 KIPS	20 KIPS	0.00
	190.368						68# 28#		79	GONDOLA	20 KIPS	21 KIPS	0.00
	190.222						68# 28#		98	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.215						68# 28#		98	GM108	-4 KIPS	-1 KIPS	0.00
	190.201						68# 28#		100	GM6C	-1 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT	THTLT RUN	AMP'S SETTING	BRAKES TRN IND PIPE CYL	PRESSURE KIPS:CAR L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0:26:35	190.969	0	8	RUN 1	146 12# REL	88# 28#	23:87 .02:2	1	SD40	0 KIPS	-3 KIPS	0.01
	190.956					88# 28#		2	SD40	-3 KIPS	-7 KIPS	0.02
	190.944					88# 28#		3	GONDOLA	-7 KIPS	-8 KIPS	0.01
	190.800					88# 28#		22	GONDOLA	1 KIPS	2 KIPS	0.00
	190.658					88# 28#		41	GONDOLA	8 KIPS	8 KIPS	0.00
	190.512					88# 28#		60	GONDOLA	14 KIPS	15 KIPS	0.00
	190.368					88# 28#		79	GONDOLA	21 KIPS	21 KIPS	0.00
	190.224					88# 28#		98	GONDOLA	0 KIPS	-4 KIPS	0.00
	190.217					88# 28#		99	GM10B	-4 KIPS	-2 KIPS	0.00
HELPERS	190.204			RUN 1	255 12# REL	88# 28#		100	GM9C	-2 KIPS	0 KIPS	0.00
	190.971	0	8	RUN 1	150 12# REL	88# 28#	25:88 .01:2	1	SD40	0 KIPS	-3 KIPS	0.00
0:26:36	190.959					88# 28#		2	SD40	-3 KIPS	-8 KIPS	0.01
	190.946					88# 28#		3	GONDOLA	-8 KIPS	-8 KIPS	0.01
	190.802					88# 28#		22	GONDOLA	7 KIPS	8 KIPS	0.00
	190.659					88# 28#		41	GONDOLA	8 KIPS	15 KIPS	0.00
	190.515					88# 28#		60	GONDOLA	21 KIPS	22 KIPS	0.00
	190.371					88# 28#		79	GONDOLA	12 KIPS	-3 KIPS	0.00
	190.227					88# 28#		98	GONDOLA	-3 KIPS	-1 KIPS	0.00
HELPERS	190.219			RUN 1	255 12# REL	88# 28#		99	GM10B	-1 KIPS	0 KIPS	0.00
	190.206					88# 28#		100	GM9C	0 KIPS	-3 KIPS	0.00
0:26:37	190.973	0	8	RUN 1	154 12# REL	88# 28#	25:88 .01:2	1	SD40	-3 KIPS	-6 KIPS	0.01
	190.961					88# 28#		2	SD40	-6 KIPS	-5 KIPS	0.01
	190.949					88# 28#		3	GONDOLA	2 KIPS	2 KIPS	0.00
	190.805					88# 28#		22	GONDOLA	8 KIPS	8 KIPS	0.00
	190.661					88# 28#		41	GONDOLA	15 KIPS	18 KIPS	0.00
	190.517					88# 28#		60	GONDOLA	22 KIPS	22 KIPS	0.00
	190.373					88# 28#		79	GONDOLA	0 KIPS	0 KIPS	0.00
	190.229					88# 28#		98	GONDOLA	0 KIPS	0 KIPS	0.00
HELPERS	190.221			RUN 1	255 12# REL	88# 28#		99	GM10B	0 KIPS	0 KIPS	0.00
	190.208					88# 28#		100	GM9C	0 KIPS	-3 KIPS	0.00
0:26:38	190.975	0	7	RUN 1	158 12# REL	88# 28#	25:88 .01:2	1	SD40	-3 KIPS	-5 KIPS	0.01
	190.963					88# 28#		2	SD40	-5 KIPS	-5 KIPS	0.01
	190.951					88# 28#		3	GONDOLA	4 KIPS	4 KIPS	0.00
	190.807					88# 28#		22	GONDOLA	8 KIPS	8 KIPS	0.00
	190.663					88# 28#		41	GONDOLA	15 KIPS	15 KIPS	0.00
	190.519					88# 28#		60	GONDOLA	22 KIPS	22 KIPS	0.00
	190.375					88# 28#		79	GONDOLA	3 KIPS	0 KIPS	0.00
	190.231					88# 28#		98	GONDOLA	0 KIPS	0 KIPS	0.00
HELPERS	190.223			RUN 1	255 12# REL	88# 28#		99	GM10B	0 KIPS	0 KIPS	0.00
	190.210					88# 28#		100	GM9C	0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	AFT	
0:26:39	190.977	0	7	163	12#	REL	88# 28#	22:89 .01:2	1	SD40	0 KIPS	-2 KIPS	0.00
	190.985						88# 28#		2	SD40	-2 KIPS	-4 KIPS	0.01
	190.953						88# 28#		3	GONDOLA	-4 KIPS	-4 KIPS	0.01
	190.808						88# 28#		22	GONDOLA	2 KIPS	2 KIPS	0.00
	190.685						88# 28#		41	GONDOLA	8 KIPS	8 KIPS	0.00
HELPERS	190.521						88# 28#		60	GONDOLA	13 KIPS	13 KIPS	0.00
	190.377						88# 28#		79	GONDOLA	19 KIPS	19 KIPS	0.00
	190.233						88# 28#		98	GONDOLA	0 KIPS	-5 KIPS	0.00
	190.225						88# 28#		99	GM10B	0 KIPS	0 KIPS	0.00
	190.212						88# 28#		100	GM8C	0 KIPS	0 KIPS	0.00
0:26:40	190.979	0	7	169	12#	REL	88# 28#	22:89 .00:	1	SD40	-2 KIPS	-2 KIPS	0.00
	190.967						88# 28#		2	SD40	-4 KIPS	-4 KIPS	0.00
	190.954						88# 28#		3	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.810						88# 28#		22	GONDOLA	4 KIPS	8 KIPS	0.00
	190.667						88# 28#		41	GONDOLA	13 KIPS	13 KIPS	0.00
HELPERS	190.523						88# 28#		60	GONDOLA	18 KIPS	18 KIPS	0.00
	190.379						88# 28#		79	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.235						88# 28#		98	GM10B	0 KIPS	0 KIPS	0.00
	190.227						88# 28#		99	GM8C	0 KIPS	0 KIPS	0.00
	190.214						88# 28#		100	SD40	-1 KIPS	-3 KIPS	0.00
0:26:41	190.981	0	8	174	12#	REL	88# 28#	21:89 .00:	1	SD40	-3 KIPS	-3 KIPS	0.00
	190.969						88# 28#		2	GONDOLA	7 KIPS	13 KIPS	0.00
	190.958						88# 28#		3	GONDOLA	13 KIPS	13 KIPS	0.00
	190.812						88# 28#		22	GONDOLA	0 KIPS	-7 KIPS	0.00
	190.668						88# 28#		41	GONDOLA	-7 KIPS	-17 KIPS	0.00
HELPERS	190.524						88# 28#		60	GONDOLA	0 KIPS	-17 KIPS	0.00
	190.380						88# 28#		79	GONDOLA	0 KIPS	-17 KIPS	0.00
	190.237						88# 28#		98	GM10B	0 KIPS	0 KIPS	0.00
	190.229						88# 28#		99	GM8C	0 KIPS	0 KIPS	0.00
	190.216						88# 28#		100	SD40	-1 KIPS	-3 KIPS	0.00
0:26:42	190.983	0	8	181	12#	REL	88# 28#	20:89 .00:	1	SD40	-2 KIPS	-2 KIPS	0.00
	190.970						88# 28#		2	GONDOLA	4 KIPS	7 KIPS	0.00
	190.958						88# 28#		3	GONDOLA	12 KIPS	18 KIPS	0.00
	190.814						88# 28#		22	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.670						88# 28#		41	GONDOLA	0 KIPS	-2 KIPS	0.00
HELPERS	190.526						88# 28#		60	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.382						88# 28#		79	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.238						88# 28#		98	GM10B	0 KIPS	0 KIPS	0.00
	190.231						88# 28#		99	GM8C	0 KIPS	0 KIPS	0.00
	190.218						88# 28#		100	GM8C	0 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTLING TRN IND PIPE CYL	BRAKES PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRAWBAR FORCES FORE	DRAWBAR FORCES AFT	
0:28:43	190.984	0	6	RUN 1	188 12# REL	68# 28#	1	SD40	0 KIPS	-1 KIPS	0.00
	190.972					68# 28#	2	SD40	-1 KIPS	-1 KIPS	0.00
	190.959					68# 28#	3	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.818					68# 28#	22	GONDOLA	2 KIPS	2 KIPS	0.00
	190.872					68# 28#	41	GONDOLA	7 KIPS	7 KIPS	0.00
	190.528					68# 28#	60	GONDOLA	12 KIPS	12 KIPS	0.00
	190.384					68# 28#	79	GONDOLA	17 KIPS	17 KIPS	0.00
	190.240					68# 28#	98	GONDOLA	0 KIPS	-2 KIPS	0.00
HELPERS	190.232			RUN 1	255 12# REL	68# 28#	99	GM10B	-2 KIPS	-1 KIPS	0.00
	190.219					68# 28#	100	GMBC	-1 KIPS	0 KIPS	0.00
0:28:44	190.988	0	5	RUN 1	195 12# REL	68# 28#	1	SD40	0 KIPS	0 KIPS	0.00
	190.973					68# 28#	2	SD40	0 KIPS	0 KIPS	0.00
	190.861					68# 28#	3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.817					68# 28#	22	GONDOLA	3 KIPS	3 KIPS	0.00
	190.673					68# 28#	41	GONDOLA	7 KIPS	7 KIPS	0.00
	190.529					68# 28#	60	GONDOLA	12 KIPS	12 KIPS	0.00
	190.385					68# 28#	78	GONDOLA	17 KIPS	17 KIPS	0.00
	190.241					68# 28#	98	GONDOLA	0 KIPS	-2 KIPS	0.00
HELPERS	190.234			RUN 1	255 12# REL	68# 28#	99	GM10B	-2 KIPS	-1 KIPS	0.00
	190.221					68# 28#	100	GMBC	-1 KIPS	0 KIPS	0.00
-----> IDLE											
-----> CONTINUE UNTIL SPEED REACHES 0 M.P.H.											
0:28:45	190.987	0	5	IDLE	0 12# REL	68# 28#	1	SD40	0 KIPS	0 KIPS	0.00
	190.975					68# 28#	2	SD40	0 KIPS	0 KIPS	0.00
	190.962					68# 28#	3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.818					68# 28#	22	GONDOLA	3 KIPS	3 KIPS	0.00
	190.674					68# 28#	41	GONDOLA	8 KIPS	8 KIPS	0.00
	190.531					68# 28#	60	GONDOLA	13 KIPS	13 KIPS	0.00
	190.387					68# 28#	79	GONDOLA	17 KIPS	18 KIPS	0.00
	190.243					68# 28#	98	GONDOLA	98 KIPS	61 KIPS	0.00
HELPERS	190.235			IDLE	0 12# REL	68# 28#	99	GM10B	61 KIPS	0 KIPS	0.00
	190.222					68# 28#	100	GMBC	0 KIPS	0 KIPS	0.00
0:28:46	190.988	0	4	IDLE	0 12# REL	68# 28#	1	SD40	0 KIPS	-25 KIPS	0.02
	190.976					68# 28#	2	SD40	-25 KIPS	-51 KIPS	0.04
	190.864					68# 28#	3	GONDOLA	-51 KIPS	-55 KIPS	0.03
	190.820					68# 28#	22	GONDOLA	3 KIPS	4 KIPS	0.00
	190.676					68# 28#	41	GONDOLA	8 KIPS	9 KIPS	0.00
	190.532					68# 28#	60	GONDOLA	13 KIPS	14 KIPS	0.00
	190.388					68# 28#	79	GONDOLA	18 KIPS	18 KIPS	0.00
	190.244					68# 28#	98	GONDOLA	3 KIPS	0 KIPS	0.00
HELPERS	190.236			IDLE	0 12# REL	68# 28#	99	GM10B	0 KIPS	0 KIPS	0.00
	190.223					68# 28#	100	GMBC	0 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE	AMPS SETTING	BRKES TRN INO PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES	L/V RATIO
0:26:47	190.989	0	4	IDLE	0 12# REL	68# 28#	1	SD40	0 KIPS	0.02
	190.977				68# 28#	68# 28#	2	SD40	-9 KIPS	0.04
	190.965				68# 28#	68# 28#	3	GONDOLA	-15 KIPS	0.03
	190.921				68# 28#	68# 28#	22	GONDOLA	8 KIPS	0.00
	190.877				68# 28#	68# 28#	41	GONDOLA	17 KIPS	0.00
	190.833				68# 28#	68# 28#	60	GONDOLA	28 KIPS	0.00
	190.389				68# 28#	68# 28#	78	GONDOLA	40 KIPS	0.00
	190.245				68# 28#	68# 28#	98	GONDOLA	152 KIPS	0.00
HELPERS	190.238				68# 28#	68# 28#	99	GM108	189 KIPS	0.00
	190.224				68# 28#	68# 28#	100	GM40C	102 KIPS	0.00
0:26:48	190.890	0	4	IDLE	0 12# REL	68# 28#	1	SD40	0 KIPS	0.02
	190.878				68# 28#	68# 28#	2	SD40	-9 KIPS	0.04
	190.868				68# 28#	68# 28#	3	GONDOLA	18 KIPS	0.03
	190.822				68# 28#	68# 28#	22	GONDOLA	5 KIPS	0.00
	190.678				68# 28#	68# 28#	41	GONDOLA	17 KIPS	0.00
	190.534				68# 28#	68# 28#	60	GONDOLA	28 KIPS	0.00
	190.390				68# 28#	68# 28#	78	GONDOLA	39 KIPS	0.00
HELPERS	190.248				68# 28#	68# 28#	98	GONDOLA	29 KIPS	0.00
	190.238				68# 28#	68# 28#	99	GM108	15 KIPS	0.00
0:26:49	190.891	0	3	IDLE	0 12# REL	68# 28#	100	GM40C	0 KIPS	0.00
	190.879				68# 28#	68# 28#	1	SD40	-9 KIPS	0.02
	190.867				68# 28#	68# 28#	2	SD40	-17 KIPS	0.04
	190.823				68# 28#	68# 28#	3	GONDOLA	4 KIPS	0.00
	190.678				68# 28#	68# 28#	22	GONDOLA	15 KIPS	0.00
	190.535				68# 28#	68# 28#	41	GONDOLA	27 KIPS	0.00
	190.391				68# 28#	68# 28#	60	GONDOLA	38 KIPS	0.00
	190.247				68# 28#	68# 28#	78	GONDOLA	32 KIPS	0.00
HELPERS	190.240				68# 28#	68# 28#	98	GONDOLA	29 KIPS	0.00
	190.228				68# 28#	68# 28#	99	GM108	15 KIPS	0.00
0:26:50	190.992	0	3	IDLE	0 12# REL	68# 28#	100	GM40C	0 KIPS	0.00
	190.980				68# 28#	68# 28#	1	SD40	-9 KIPS	0.02
	190.968				68# 28#	68# 28#	2	SD40	-19 KIPS	0.04
	190.824				68# 28#	68# 28#	3	GONDOLA	3 KIPS	0.00
	190.680				68# 28#	68# 28#	22	GONDOLA	14 KIPS	0.00
	190.538				68# 28#	68# 28#	41	GONDOLA	28 KIPS	0.00
	190.392				68# 28#	68# 28#	60	GONDOLA	31 KIPS	0.00
	190.248				68# 28#	68# 28#	78	GONDOLA	28 KIPS	0.00
HELPERS	190.240				68# 28#	68# 28#	98	GM108	15 KIPS	0.00
	190.227				68# 28#	68# 28#	99	GM40C	0 KIPS	0.00
					68# 28#	68# 28#	100		0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THYLE IDLE	AMPS 0 2	BRAKES TRN IND PIPE CYL	SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	AFT	
0:28:51	190.993				68# 28#		-48:21 .04:2	1	SD40	0 KIPS	-10 KIPS	0.02
	190.981				68# 28#			2	SD40	-10 KIPS	-19 KIPS	0.04
	190.988				68# 28#			3	GONDOLA	-19 KIPS	-18 KIPS	0.04
	190.824				68# 28#			22	GONDOLA	-47 KIPS	2 KIPS	0.00
	190.680				68# 28#			41	GONDOLA	13 KIPS	14 KIPS	0.00
HELPERS	190.538				68# 28#			60	GONDOLA	26 KIPS	26 KIPS	0.00
	190.393				68# 28#			79	GONDOLA	38 KIPS	39 KIPS	0.00
	190.249				68# 28#			98	GONDOLA	31 KIPS	29 KIPS	0.00
	190.241				68# 28#			99	GM10B	15 KIPS	15 KIPS	0.00
	190.228				68# 28#			100	GM6C	0 KIPS	0 KIPS	0.00
0:28:52	190.993				68# 28#		-47:23 .04:2	1	SD40	0 KIPS	-10 KIPS	0.02
	190.981				68# 28#			2	SD40	-19 KIPS	-18 KIPS	0.04
	190.969				68# 28#			3	GONDOLA	-42 KIPS	-47 KIPS	0.00
	190.825				68# 28#			22	GONDOLA	12 KIPS	12 KIPS	0.00
	190.681				68# 28#			41	GONDOLA	24 KIPS	25 KIPS	0.00
HELPERS	190.537				68# 28#			60	GONDOLA	37 KIPS	38 KIPS	0.00
	190.393				68# 28#			79	GONDOLA	29 KIPS	29 KIPS	0.00
	190.249				68# 28#			98	GM10B	15 KIPS	15 KIPS	0.00
	190.242				68# 28#			99	GM6C	0 KIPS	0 KIPS	0.00
	190.228				68# 28#			100	SD40	-10 KIPS	-10 KIPS	0.02
0:28:53	190.982				68# 28#		-46:25 .04:2	1	SD40	0 KIPS	-10 KIPS	0.02
	190.969				68# 28#			2	SD40	-20 KIPS	-19 KIPS	0.04
	190.825				68# 28#			3	GONDOLA	-32 KIPS	-37 KIPS	0.00
	190.681				68# 28#			22	GONDOLA	11 KIPS	12 KIPS	0.00
	190.537				68# 28#			41	GONDOLA	24 KIPS	24 KIPS	0.00
HELPERS	190.393				68# 28#			60	GONDOLA	37 KIPS	37 KIPS	0.00
	190.250				68# 28#			79	GONDOLA	31 KIPS	29 KIPS	0.00
	190.249				68# 28#			98	GM10B	15 KIPS	15 KIPS	0.00
	190.229				68# 28#			99	GM6C	0 KIPS	0 KIPS	0.00
	190.994				68# 28#		44:91 .04:2	100	SD40	-10 KIPS	-10 KIPS	0.02
0:28:54	190.982				68# 28#			2	SD40	-19 KIPS	-18 KIPS	0.04
	190.969				68# 28#			3	GONDOLA	-22 KIPS	-27 KIPS	0.00
	190.826				68# 28#			22	GONDOLA	9 KIPS	10 KIPS	0.00
	190.682				68# 28#			41	GONDOLA	22 KIPS	23 KIPS	0.00
	190.538				68# 28#			60	GONDOLA	35 KIPS	36 KIPS	0.00
HELPERS	190.394				68# 28#			79	GONDOLA	30 KIPS	28 KIPS	0.00
	190.250				68# 28#			98	GONDOLA	14 KIPS	14 KIPS	0.00
	190.242				68# 28#			99	GM10B	0 KIPS	0 KIPS	0.00
	190.229				68# 28#			100	GM6C	0 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:28:55	190.994	0	0	IDLE	0	12#	REL 68# 28#	1	SD40	0 KIPS	-10 KIPS	0.02
	190.982						68# 28#	2	SD40	-10 KIPS	-19 KIPS	0.04
	190.970						68# 28#	3	GONDOLA	-19 KIPS	-18 KIPS	0.04
	190.828						68# 28#	22	GONDOLA	-13 KIPS	-17 KIPS	0.00
	190.682						68# 28#	41	GONDOLA	8 KIPS	9 KIPS	0.00
	190.538						68# 28#	60	GONDOLA	22 KIPS	22 KIPS	0.00
	190.394						68# 28#	79	GONDOLA	35 KIPS	36 KIPS	0.00
	190.250						68# 28#	98	GONDOLA	30 KIPS	28 KIPS	0.00
HELPERS	190.242			IDLE	0	12#	REL 68# 28#	89	GM10B	28 KIPS	15 KIPS	0.00
	190.228						68# 28#	100	GM8C	15 KIPS	0 KIPS	0.00

-----> STOP COMPUTER RUN

MAXIMUM FORCES FOR THIS CASE

MAX. DRAFT COUPLER FORCE: 194 KIPS ON VEH. 18 AT 0: 0: 4

MAX. BUFF COUPLER FORCE: -200 KIPS ON VEH. 85 AT 0: 0: 6

MAXIMUM L/V : 0.42 ON VEH. 99 AT 0: 5:36

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PAGE NO 1

TRAIN SUMMARY

LEAD LOCOMOTIVES	HELPER LOCOMOTIVES	CARS	TRAILING TONNAGE	TOTAL TONNAGE	TOTAL LENGTH
2	2	98	12098	12868	4108'

VEHICLE LISTING

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1- 2	LOCO (2)	SD40	85'	197T		M380	28"	12X40"	COMP/PL	J1.6
3- 98	CARS (98)	LG4	40'	126T		MK50	28"	8X38"	C.I.	AB
99	GM10B		69'	195T		M380	28"	12X50"	COMP/PL	J1.6
100	GM8C		89'	183T		M380	28"	12X42"	COMP/PL	J1.6

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COLP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1- 2	LOCO (2)	SD40	85'	197T		M380	28"	12X40"	COMP/PL	J1.6

DYNAMIC BRAKES: TAPERED ; EXTENDED RANGE
 DYNAMIC BRAKE INTERLOCK (DBI) : NO RECOVERY AFTER DYNAMIC BRAKE OFF
 INDEPENDENT PRESSURE SWITCH (IPS) ACTIVATED AT: 15 P.S.I.

SPEED (MPH):	5	15	30	45	60	75
ENGINE TRACTIVE FORCE:	70000#	83202#	31000#	20222#	15166#	12133#
ENGINE H.P. AT RAIL:	933	2528	2480	2426	2426	2426
DYNAMIC BRAKE FORCE:	34534#	53998#	48601#	32400#	24300#	19440#
DYNAMIC H.P. AT RAIL:	460	2159	3888	3888	3888	3888

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
98	GM108		69'	195T		M380	28"	12X50"	COMP/PL	J1.8

DYNAMIC BRAKES: NONE

TRANSITION SPEED: 20 MPH

SPEED (MPH):

5	15	30	45	60	75
ENGINE TRACTIVE FORCE: 136558#	135676#	134353#	101248#	75934#	60748#
ENGINE H.P. AT RAIL: 1820	5427	10748	12149	12149	12149
DYNAMIC BRAKE FORCE: 0#	0#	0#	0#	0#	0#
DYNAMIC H.P. AT RAIL: 0	0	0	0	0	0

STATION TIME	MP	SPEED LMT RUN	THLTL AMPS TRN IND PIPE	SETTING PRESSURE CYL KIPS:CAR L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	FOR SPECIFIED VEHICLES		L/V RATIO				
							IDENTIFIER	DRABBAR FORCES FORE AFT					
-----> USE WIDE CARRIAGE FORMAT FOR OUTPUT DATA													
-----> PRINT OUT (AT LEAST) EVERY 10 SECONDS													
-----> USE 80 P.S.I. BRAKE PIPE PRESSURE													
-----> LEAKAGE = 2 P.S.I. PER MINUTE													
-----> PRINT OUT FORCES ON VEHICLE 1													
-----> PRINT OUT FORCES ON VEHICLE 2													
-----> PRINT OUT FORCES ON VEHICLE 3													
-----> PRINT OUT FORCES ON VEHICLE 22													
-----> PRINT OUT FORCES ON VEHICLE 41													
-----> PRINT OUT FORCES ON VEHICLE 60													
-----> PRINT OUT FORCES ON VEHICLE 79													
-----> PRINT OUT FORCES ON VEHICLE 98													
-----> PRINT OUT FORCES ON VEHICLE 99													
-----> PRINT OUT FORCES ON VEHICLE 100													
-----> SAND													
-----> RUN 1													
-----> CONTINUE FOR 280 SECONDS													
-----> TRAIN STARTING AT -0.30% GRADE													
0: 0: 0	182.880	0	0	RUN 1 481	REL REL	80# 0#	150:7	10:5	1	SD40	0 KIPS	102 KIPS	0.00
	182.868					80# 0#			2	SD40	102 KIPS	78 KIPS	0.00
	182.855					80# 0#			3	GONDOLA	78 KIPS	101 KIPS	0.00
	182.711					80# 0#			22	GONDOLA	0 KIPS	0 KIPS	0.10
	182.567					80# 0#			41	GONDOLA	0 KIPS	0 KIPS	0.10
	182.424					80# 0#			60	GONDOLA	0 KIPS	0 KIPS	0.10
	182.280					80# 0#			79	GONDOLA	0 KIPS	0 KIPS	0.10
	182.136					80# 0#			98	GONDOLA	0 KIPS	0 KIPS	0.00
	182.128					80# 0#			99	GONDOLA	0 KIPS	0 KIPS	0.00
	182.115					80# 0#			100	GM10B	0 KIPS	0 KIPS	0.00
	182.881					80# 0#				GM6C	0 KIPS	0 KIPS	0.00
	182.869					80# 0#			1	SD40	0 KIPS	28 KIPS	0.00
	182.857					80# 0#			2	SD40	28 KIPS	56 KIPS	0.00
	182.713					80# 0#			3	GONDOLA	56 KIPS	73 KIPS	0.00
	182.569					80# 0#			22	GONDOLA	180 KIPS	188 KIPS	0.10
	182.425					80# 0#			41	GONDOLA	172 KIPS	175 KIPS	0.10
	182.281					80# 0#			60	GONDOLA	0 KIPS	0 KIPS	0.10
	182.137					80# 0#			79	GONDOLA	-119 KIPS	0 KIPS	0.10
	182.130					80# 0#			98	GONDOLA	-71 KIPS	-54 KIPS	0.05
	182.116					80# 0#			99	GONDOLA	-54 KIPS	-59 KIPS	0.05
	182.886					80# 0#			100	GM10B	-59 KIPS	0 KIPS	0.04
	182.873					80# 0#				GM6C	0 KIPS	25 KIPS	0.00
	182.861					80# 0#			1	SD40	25 KIPS	49 KIPS	0.00
	182.717					80# 0#			2	SD40	49 KIPS	49 KIPS	0.00
	182.573					80# 0#			3	GONDOLA	49 KIPS	49 KIPS	0.00
	182.429					80# 0#			22	GONDOLA	34 KIPS	33 KIPS	0.10
	182.285					80# 0#			41	GONDOLA	53 KIPS	71 KIPS	0.10
	182.141					80# 0#			60	GONDOLA	-130 KIPS	-130 KIPS	0.10
	182.134					80# 0#			79	GONDOLA	-18 KIPS	-18 KIPS	0.09
	182.121					80# 0#			98	GONDOLA	-30 KIPS	-31 KIPS	0.05
	182.121					80# 0#			99	GM10B	-31 KIPS	-16 KIPS	0.05
	182.121					80# 0#			100	GM6C	-16 KIPS	0 KIPS	0.04
-----> RUN 1													
-----> CONTINUE FOR 280 SECONDS													
-----> TRAIN STARTING AT -0.30% GRADE													
0: 0: 0	182.880	0	0	RUN 1 481	REL REL	80# 0#	150:7	10:5	1	SD40	0 KIPS	102 KIPS	0.00
	182.868					80# 0#			2	SD40	102 KIPS	78 KIPS	0.00
	182.855					80# 0#			3	GONDOLA	78 KIPS	101 KIPS	0.00
	182.711					80# 0#			22	GONDOLA	0 KIPS	0 KIPS	0.10
	182.567					80# 0#			41	GONDOLA	0 KIPS	0 KIPS	0.10
	182.424					80# 0#			60	GONDOLA	0 KIPS	0 KIPS	0.10
	182.280					80# 0#			79	GONDOLA	0 KIPS	0 KIPS	0.10
	182.136					80# 0#			98	GONDOLA	0 KIPS	0 KIPS	0.00
	182.128					80# 0#			99	GONDOLA	0 KIPS	0 KIPS	0.00
	182.115					80# 0#			100	GM10B	0 KIPS	0 KIPS	0.00
	182.881					80# 0#				GM6C	0 KIPS	0 KIPS	0.00
	182.869					80# 0#			1	SD40	0 KIPS	28 KIPS	0.00
	182.857					80# 0#			2	SD40	28 KIPS	56 KIPS	0.00
	182.713					80# 0#			3	GONDOLA	56 KIPS	73 KIPS	0.00
	182.569					80# 0#			22	GONDOLA	180 KIPS	188 KIPS	0.10
	182.425					80# 0#			41	GONDOLA	172 KIPS	175 KIPS	0.10
	182.281					80# 0#			60	GONDOLA	0 KIPS	0 KIPS	0.10
	182.137					80# 0#			79	GONDOLA	-119 KIPS	0 KIPS	0.10
	182.130					80# 0#			98	GONDOLA	-71 KIPS	-54 KIPS	0.05
	182.116					80# 0#			99	GONDOLA	-54 KIPS	-59 KIPS	0.05
	182.886					80# 0#			100	GM10B	-59 KIPS	0 KIPS	0.04
	182.873					80# 0#				GM6C	0 KIPS	25 KIPS	0.00
	182.861					80# 0#			1	SD40	25 KIPS	49 KIPS	0.00
	182.717					80# 0#			2	SD40	49 KIPS	49 KIPS	0.00
	182.573					80# 0#			3	GONDOLA	49 KIPS	49 KIPS	0.00
	182.429					80# 0#			22	GONDOLA	34 KIPS	33 KIPS	0.10
	182.285					80# 0#			41	GONDOLA	53 KIPS	71 KIPS	0.10
	182.141					80# 0#			60	GONDOLA	-130 KIPS	-130 KIPS	0.10
	182.134					80# 0#			79	GONDOLA	-18 KIPS	-18 KIPS	0.09
	182.121					80# 0#			98	GONDOLA	-30 KIPS	-31 KIPS	0.05
	182.121					80# 0#			99	GM10B	-31 KIPS	-16 KIPS	0.05
	182.121					80# 0#			100	GM6C	-16 KIPS	0 KIPS	0.04

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS	BRAKES		SETTING TRN INDO PIPE CYL	PRESSURE KIPS: CAR L/V: CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
					TRN INDO PIPE CYL	PIPE CYL						DRAWBAR FORCES FORE	DRAWBAR FORCES AFT		
O: 0:30	182.893	0	3	RUN 1	278	REL	REL	80# 0#	-44:82	11:84	1	SD40	0 KIPS	22 KIPS	0.00
	182.880							80# 0#			2	SD40	22 KIPS	43 KIPS	0.00
	182.868							80# 0#			3	SD40	43 KIPS	43 KIPS	0.00
	182.724							80# 0#			22	GONDOLA	32 KIPS	31 KIPS	0.10
	182.580							80# 0#			41	GONDOLA	19 KIPS	19 KIPS	0.10
	182.438							80# 0#			80	GONDOLA	7 KIPS	7 KIPS	0.10
HELPERS	182.292							80# 0#			79	GONDOLA	-17 KIPS	-18 KIPS	0.09
	182.148							80# 0#			98	GONDOLA	-30 KIPS	-31 KIPS	0.05
	182.141			RUN 1	255	REL	REL	80# 0#			98	GM10B	-15 KIPS	-15 KIPS	0.05
	182.128							80# 0#			100	GM6C	0 KIPS	0 KIPS	0.04
	-----> TRAIN ENTERING-0.31 % GRADE														
	182.902	0	4	RUN 1	250	REL	REL	80# 0#	-45:57	11:85	1	SD40	0 KIPS	17 KIPS	0.00
HELPERS	182.890							80# 0#			2	SD40	17 KIPS	35 KIPS	0.00
	182.878							80# 0#			3	GONDOLA	35 KIPS	35 KIPS	0.00
	182.734							80# 0#			22	GONDOLA	24 KIPS	23 KIPS	0.10
	182.590							80# 0#			41	GONDOLA	12 KIPS	-30 KIPS	0.10
	182.448							80# 0#			60	GONDOLA	-45 KIPS	-44 KIPS	0.10
	182.302							80# 0#			79	GONDOLA	-23 KIPS	-24 KIPS	0.11
	182.158							80# 0#			98	GONDOLA	-31 KIPS	-31 KIPS	0.08
	182.150			RUN 1	255	REL	REL	80# 0#			99	GM10B	-15 KIPS	-15 KIPS	0.05
	182.137							80# 0#			100	GM6C	0 KIPS	0 KIPS	0.04
	182.914	0	5	RUN 1	222	REL	REL	80# 0#	-31:99	11:87	1	SD40	0 KIPS	15 KIPS	0.00
	182.902							80# 0#			2	SD40	15 KIPS	30 KIPS	0.00
	182.889							80# 0#			3	GONDOLA	30 KIPS	29 KIPS	0.00
HELPERS	182.745							80# 0#			22	GONDOLA	16 KIPS	15 KIPS	0.10
	182.601							80# 0#			41	GONDOLA	-28 KIPS	-25 KIPS	0.10
	182.457							80# 0#			60	GONDOLA	-14 KIPS	-14 KIPS	0.09
	182.313							80# 0#			79	GONDOLA	-24 KIPS	-25 KIPS	0.11
	182.170							80# 0#			98	GONDOLA	-31 KIPS	-31 KIPS	0.08
	182.162			RUN 1	255	REL	REL	80# 0#			99	GM10B	-18 KIPS	-18 KIPS	0.05
	182.149							80# 0#			100	GM6C	0 KIPS	0 KIPS	0.04
	182.928	0	5	RUN 1	201	REL	REL	80# 0#	-31:99	11:88	1	SD40	0 KIPS	13 KIPS	0.00
	182.915							80# 0#			2	SD40	13 KIPS	25 KIPS	0.00
	182.903							80# 0#			3	GONDOLA	25 KIPS	25 KIPS	0.00
	182.759							80# 0#			22	GONDOLA	13 KIPS	12 KIPS	0.10
	182.615							80# 0#			41	GONDOLA	20 KIPS	20 KIPS	0.09
HELPERS	182.471							80# 0#			60	GONDOLA	-13 KIPS	-14 KIPS	0.11
	182.327							80# 0#			79	GONDOLA	-24 KIPS	-25 KIPS	0.08
	182.183							80# 0#			98	GONDOLA	-31 KIPS	-31 KIPS	0.06
	182.176			RUN 1	255	REL	REL	80# 0#			99	GM10B	-15 KIPS	-15 KIPS	0.05
	182.163							80# 0#			100	GM6C	0 KIPS	0 KIPS	0.04

STATION TIME	NP	SPEED LMT RUN	THYLE RUN	AMPS 1	SETTING REL	TRN REL	IND REL	PIPE REL	CVL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0: 1:10	182.844	0	6	RUN	1	186	REL	REL	80#	0#	1	SD40	0 KIPS	0.00
	182.831								80#	0#	2	SD40	11 KIPS	0.00
	182.919								80#	0#	3	GONDOLA	22 KIPS	0.00
	182.775								80#	0#	22	GONDOLA	13 KIPS	0.10
	182.831								80#	0#	41	GONDOLA	16 KIPS	0.09
	182.487								80#	0#	60	GONDOLA	-10 KIPS	0.09
	182.343								80#	0#	79	GONDOLA	-22 KIPS	0.10
	182.189								80#	0#	98	GONDOLA	-31 KIPS	0.05
HELPERS	182.192								80#	0#	99	GM10B	-15 KIPS	0.05
	182.179								80#	0#	100	GM6C	0 KIPS	0.04
0: 1:20	182.982	0	7	RUN	1	173	REL	REL	80#	0#	1	SD40	10 KIPS	0.00
	182.950								80#	0#	2	SD40	20 KIPS	0.00
	182.937								80#	0#	3	GONDOLA	14 KIPS	0.10
	182.783								80#	0#	22	GONDOLA	4 KIPS	0.09
	182.649								80#	0#	41	GONDOLA	-8 KIPS	0.09
	182.505								80#	0#	60	GONDOLA	-20 KIPS	0.10
	182.381								80#	0#	79	GONDOLA	-31 KIPS	0.05
HELPERS	182.217								80#	0#	98	GM10B	-15 KIPS	0.04
	182.210								80#	0#	99	GM6C	0 KIPS	0.00
0: 1:30	182.982	0	8	RUN	1	162	REL	REL	80#	0#	1	SD40	18 KIPS	0.00
	182.970								80#	0#	2	SD40	12 KIPS	0.09
	182.957								80#	0#	3	GONDOLA	-11 KIPS	0.09
	182.813								80#	0#	22	GONDOLA	-21 KIPS	0.10
	182.668								80#	0#	41	GONDOLA	-31 KIPS	0.05
	182.525								80#	0#	60	GONDOLA	-15 KIPS	0.05
	182.381								80#	0#	79	GONDOLA	0 KIPS	0.04
HELPERS	182.238								80#	0#	98	GM10B	8 KIPS	0.00
	182.230								80#	0#	99	GM6C	15 KIPS	0.00
0: 1:40	183.004	0	8	RUN	1	152	REL	REL	80#	0#	1	SD40	15 KIPS	0.00
	182.992								80#	0#	2	SD40	10 KIPS	0.09
	182.978								80#	0#	3	GONDOLA	-11 KIPS	0.09
	182.835								80#	0#	22	GONDOLA	-13 KIPS	0.09
	182.691								80#	0#	41	GONDOLA	-22 KIPS	0.10
	182.547								80#	0#	60	GONDOLA	-31 KIPS	0.11
	182.403								80#	0#	79	GONDOLA	-15 KIPS	0.06
HELPERS	182.260								80#	0#	98	GM10B	0 KIPS	0.04
	182.252								80#	0#	99	GM6C	8 KIPS	0.00
	182.239								80#	0#	100	GM6C	15 KIPS	0.00

STATION TIME	MP	SPEED LMT	THTLT RUN	AMPS SETTING	BRAKES TRN IND PIPE CYL	PRESSURE (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
O: 1:50	183.028	0	9	RUN 1	144	REL	REL	SD40	0 KIPS	7 KIPS	0.00
	183.015				80#	0#	1	SD40	7 KIPS	14 KIPS	0.00
	183.003				80#	0#	2	SD40	14 KIPS	13 KIPS	0.00
	182.859				80#	0#	22	GONDOLA	8 KIPS	8 KIPS	0.08
	182.715				80#	0#	41	GONDOLA	-3 KIPS	-4 KIPS	0.08
	182.571				80#	0#	60	GONDOLA	-12 KIPS	-13 KIPS	0.09
	182.427				80#	0#	79	GONDOLA	-21 KIPS	-22 KIPS	0.10
	182.283				80#	0#	98	GONDOLA	-30 KIPS	-31 KIPS	0.11
	182.276				80#	0#	99	GONDOLA	-31 KIPS	-15 KIPS	0.14
	182.263				80#	0#	100	GM108	-15 KIPS	0 KIPS	0.14
HELPERS	182.263				80#	0#	1	GM6C	0 KIPS	6 KIPS	0.00
	183.053				80#	0#	2	SD40	6 KIPS	12 KIPS	0.00
	183.041				80#	0#	3	SD40	12 KIPS	12 KIPS	0.00
	183.028				80#	0#	22	GONDOLA	9 KIPS	9 KIPS	0.00
	182.885				80#	0#	41	GONDOLA	15 KIPS	15 KIPS	0.08
	182.741				80#	0#	60	GONDOLA	-11 KIPS	-12 KIPS	0.08
	182.597				80#	0#	79	GONDOLA	-20 KIPS	-21 KIPS	0.10
	182.453				80#	0#	98	GONDOLA	-28 KIPS	-30 KIPS	0.11
	182.309				80#	0#	99	GM108	-30 KIPS	-14 KIPS	0.14
	182.286				80#	0#	100	GM6C	-14 KIPS	0 KIPS	0.14
O: 2:10	183.081				80#	0#	1	SD40	0 KIPS	6 KIPS	0.00
	183.069				80#	0#	2	SD40	6 KIPS	12 KIPS	0.00
	183.056				80#	0#	3	SD40	12 KIPS	12 KIPS	0.00
	182.913				80#	0#	22	GONDOLA	9 KIPS	9 KIPS	0.00
	182.769				80#	0#	41	GONDOLA	11 KIPS	11 KIPS	0.08
	182.625				80#	0#	60	GONDOLA	-9 KIPS	-9 KIPS	0.08
	182.481				80#	0#	79	GONDOLA	-18 KIPS	-18 KIPS	0.10
	182.337				80#	0#	98	GONDOLA	-28 KIPS	-30 KIPS	0.11
	182.329				80#	0#	99	GM108	-14 KIPS	0 KIPS	0.14
	182.316				80#	0#	100	GM6C	0 KIPS	6 KIPS	0.00
HELPERS	183.111				80#	0#	1	SD40	6 KIPS	11 KIPS	0.00
	183.098				80#	0#	2	SD40	11 KIPS	11 KIPS	0.00
	183.086				80#	0#	22	GONDOLA	9 KIPS	9 KIPS	0.00
	182.842				80#	0#	41	GONDOLA	3 KIPS	3 KIPS	0.08
	182.798				80#	0#	60	GONDOLA	-8 KIPS	-8 KIPS	0.08
	182.654				80#	0#	79	GONDOLA	-18 KIPS	-19 KIPS	0.10
	182.510				80#	0#	98	GONDOLA	-29 KIPS	-29 KIPS	0.11
	182.366				80#	0#	99	GM108	-14 KIPS	-14 KIPS	0.14
	182.359				80#	0#	100	GM6C	0 KIPS	0 KIPS	0.14
	182.346				80#	0#					

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 1	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0: 2:30	183.142	0	12	RUN	1	127	REL	REL	80# 0#	-29:99 .14:99	1	SD40	0 KIPS	0.00
	183.130								80# 0#		2	SD40	5 KIPS	0.00
	183.117								80# 0#		3	GONDOLA	10 KIPS	0.00
	182.973								80# 0#		22	GONDOLA	10 KIPS	0.00
	182.828								80# 0#		41	GONDOLA	8 KIPS	0.00
	182.885								80# 0#		60	GONDOLA	2 KIPS	0.09
	182.542								80# 0#		78	GONDOLA	-8 KIPS	0.08
	182.398								80# 0#		88	GONDOLA	-18 KIPS	0.10
HELPERS	182.380								80# 0#		99	GONDOLA	-29 KIPS	0.11
	182.377								80# 0#		100	GM10B	-14 KIPS	0.14
0: 2:40	183.175	0	12	RUN	1	124	REL	REL	80# 0#	-29:99 .14:99	1	GM6C	0 KIPS	0.14
	183.163								80# 0#		2	SD40	5 KIPS	0.00
	183.151								80# 0#		3	SD40	10 KIPS	0.00
	183.007								80# 0#		22	GONDOLA	8 KIPS	0.00
	182.863								80# 0#		41	GONDOLA	5 KIPS	0.00
	182.718								80# 0#		60	GONDOLA	1 KIPS	0.08
	182.575								80# 0#		78	GONDOLA	-8 KIPS	0.09
	182.431								80# 0#		88	GONDOLA	-19 KIPS	0.10
HELPERS	182.423								80# 0#		99	GONDOLA	-29 KIPS	0.11
	182.410								80# 0#		100	GM10B	-14 KIPS	0.14
0: 2:50	183.210	0	13	RUN	1	121	REL	REL	80# 0#	-29:99 .14:99	1	GM6C	0 KIPS	0.14
	183.198								80# 0#		2	SD40	4 KIPS	0.00
	183.186								80# 0#		3	SD40	8 KIPS	0.00
	183.042								80# 0#		22	GONDOLA	8 KIPS	0.00
	182.898								80# 0#		41	GONDOLA	4 KIPS	0.00
	182.754								80# 0#		60	GONDOLA	0 KIPS	0.00
	182.610								80# 0#		78	GONDOLA	-9 KIPS	0.09
	182.466								80# 0#		88	GONDOLA	-19 KIPS	0.10
HELPERS	182.458								80# 0#		99	GONDOLA	-29 KIPS	0.10
	182.445								80# 0#		100	GM10B	-14 KIPS	0.14
0: 3: 0	183.247	0	14	RUN	1	118	REL	REL	80# 0#	-29:99 .14:99	1	GM6C	0 KIPS	0.13
	183.235								80# 0#		2	SD40	4 KIPS	0.00
	183.223								80# 0#		3	SD40	8 KIPS	0.00
	183.078								80# 0#		22	GONDOLA	4 KIPS	0.00
	182.935								80# 0#		41	GONDOLA	4 KIPS	0.00
	182.791								80# 0#		60	GONDOLA	5 KIPS	0.00
	182.647								80# 0#		78	GONDOLA	-8 KIPS	0.09
	182.503								80# 0#		88	GONDOLA	-18 KIPS	0.10
HELPERS	182.495								80# 0#		99	GONDOLA	-29 KIPS	0.10
	182.482								80# 0#		100	GM10B	-13 KIPS	0.14
									80# 0#			GM6C	0 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	BRAKES PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0: 3:10	183.286	0	14	RUN	1	116	REL	REL	80#	0#	0#	0#	0.00
	183.274								80#	0#	0#	0#	0.00
	183.262								80#	0#	0#	0#	0.00
	183.118								80#	0#	0#	0#	0.00
	182.874								80#	0#	0#	0#	0.00
HELPERS	182.830								80#	0#	0#	0#	0.09
	182.686								80#	0#	0#	0#	0.10
	182.542								80#	0#	0#	0#	0.10
	182.534								80#	0#	0#	0#	0.14
	182.521								80#	0#	0#	0#	0.13
0: 3:20	183.327	0	15	RUN	1	114	REL	REL	80#	0#	0#	0#	0.00
	183.315								80#	0#	0#	0#	0.00
	183.303								80#	0#	0#	0#	0.00
	183.158								80#	0#	0#	0#	0.00
	183.015								80#	0#	0#	0#	0.00
HELPERS	182.871								80#	0#	0#	0#	0.08
	182.727								80#	0#	0#	0#	0.10
	182.583								80#	0#	0#	0#	0.10
	182.575								80#	0#	0#	0#	0.14
	182.562								80#	0#	0#	0#	0.00
0: 3:30	183.370	0	16	RUN	1	112	REL	REL	80#	0#	0#	0#	0.00
	183.358								80#	0#	0#	0#	0.00
	183.346								80#	0#	0#	0#	0.00
	183.202								80#	0#	0#	0#	0.00
	183.058								80#	0#	0#	0#	0.01
HELPERS	182.914								80#	0#	0#	0#	0.08
	182.770								80#	0#	0#	0#	0.10
	182.628								80#	0#	0#	0#	0.13
	182.618								80#	0#	0#	0#	0.00
	182.605								80#	0#	0#	0#	0.00
0: 3:40	183.415	0	17	RUN	1	110	REL	REL	80#	0#	0#	0#	0.00
	183.403								80#	0#	0#	0#	0.00
	183.380								80#	0#	0#	0#	0.00
	183.247								80#	0#	0#	0#	0.00
	183.103								80#	0#	0#	0#	0.01
HELPERS	182.958								80#	0#	0#	0#	0.01
	182.815								80#	0#	0#	0#	0.09
	182.671								80#	0#	0#	0#	0.10
	182.663								80#	0#	0#	0#	0.13
	182.650								80#	0#	0#	0#	0.13

[illegible]

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0: 4:30	183.871	0	20	RUN 1	102	REL	REL	80# 0# -27:99 .11:100	1	SD40	0 KIPS	3 KIPS	0.00
	183.859							80# 0#	2	SD40	3 KIPS	5 KIPS	0.00
	183.848							80# 0#	3	GONDOLA	5 KIPS	5 KIPS	0.00
	183.502							80# 0#	22	GONDOLA	-8 KIPS	-7 KIPS	0.01
	183.359							80# 0#	41	GONDOLA	-14 KIPS	-14 KIPS	0.02
	183.215							80# 0#	60	GONDOLA	-20 KIPS	-21 KIPS	0.02
	183.071							80# 0#	79	GONDOLA	-27 KIPS	-27 KIPS	0.05
	182.927							80# 0#	98	GONDOLA	-12 KIPS	-12 KIPS	0.05
HELPERS	182.919							80# 0#	99	GM10B	0 KIPS	0 KIPS	0.11
	182.908							80# 0#	100	GM6C	0 KIPS	0 KIPS	0.00
0: 4:40	183.729	0	21	RUN 1	100	REL	REL	80# 0# -27:99 .05:98	1	SD40	2 KIPS	5 KIPS	0.00
	183.716							80# 0#	2	SD40	5 KIPS	5 KIPS	0.00
	183.704							80# 0#	3	GONDOLA	-1 KIPS	-1 KIPS	0.00
	183.560							80# 0#	22	GONDOLA	-7 KIPS	-7 KIPS	0.01
	183.418							80# 0#	41	GONDOLA	-13 KIPS	-14 KIPS	0.02
	183.272							80# 0#	60	GONDOLA	-20 KIPS	-20 KIPS	0.02
	183.128							80# 0#	79	GONDOLA	-27 KIPS	-27 KIPS	0.05
	182.984							80# 0#	98	GONDOLA	-27 KIPS	-14 KIPS	0.05
HELPERS	182.977							80# 0#	99	GM10B	-14 KIPS	0 KIPS	0.03
	182.964							80# 0#	100	GM6C	0 KIPS	0 KIPS	0.00
-----> RUN 2													
0: 4:41	183.734	0	21	RUN 2	108	REL	REL	80# 0# -27:99 .05:98	1	SD40	2 KIPS	2 KIPS	0.00
	183.722							80# 0#	2	SD40	5 KIPS	5 KIPS	0.00
	183.710							80# 0#	3	GONDOLA	4 KIPS	4 KIPS	0.00
	183.566							80# 0#	22	GONDOLA	0 KIPS	-1 KIPS	0.00
	183.422							80# 0#	41	GONDOLA	-7 KIPS	-7 KIPS	0.01
	183.278							80# 0#	60	GONDOLA	-13 KIPS	-14 KIPS	0.02
	183.134							80# 0#	79	GONDOLA	-20 KIPS	-20 KIPS	0.02
	182.990							80# 0#	98	GONDOLA	-27 KIPS	-27 KIPS	0.05
HELPERS	182.983							80# 0#	99	GM10B	-12 KIPS	-12 KIPS	0.05
	182.969							80# 0#	100	GM6C	0 KIPS	0 KIPS	0.03
0: 4:50	183.788	0	22	RUN 2	145	REL	REL	80# 0# -54:98 .09:98	1	SD40	0 KIPS	5 KIPS	0.00
	183.776							80# 0#	2	SD40	5 KIPS	10 KIPS	0.00
	183.764							80# 0#	3	GONDOLA	10 KIPS	10 KIPS	0.00
	183.620							80# 0#	22	GONDOLA	-7 KIPS	-8 KIPS	0.00
	183.476							80# 0#	41	GONDOLA	-15 KIPS	-15 KIPS	0.02
	183.332							80# 0#	60	GONDOLA	-28 KIPS	-28 KIPS	0.03
	183.188							80# 0#	79	GONDOLA	-40 KIPS	-41 KIPS	0.05
	183.044							80# 0#	98	GONDOLA	-53 KIPS	-54 KIPS	0.08
HELPERS	183.036							80# 0#	99	GM10B	-54 KIPS	-24 KIPS	0.09
	183.023							80# 0#	100	GM6C	-24 KIPS	0 KIPS	0.06
-----> TRAIN ENTERING 3.00 DEGREE CURVE													

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO
0: 5: 0	183.851	0	23	RUN 2	143	REL	REL	1	SD40	0 KIPS	0.12
	183.839							2	SD40	5 KIPS	0.12
	183.828							3	GONDOLA	10 KIPS	0.09
	183.882							22	GONDOLA	9 KIPS	0.00
	183.538							41	GONDOLA	-8 KIPS	0.02
	183.395							60	GONDOLA	-17 KIPS	0.03
	183.251							79	GONDOLA	-29 KIPS	0.05
	183.107							98	GONDOLA	-41 KIPS	0.08
HELPERS	183.099							99	GONDOLA	-54 KIPS	0.08
	183.088							100	GM10B	-24 KIPS	0.06
0: 5: 10	183.917	0	24	RUN 2	141	REL	REL	1	SD40	0 KIPS	0.12
	183.904							2	SD40	4 KIPS	0.12
	183.892							3	GONDOLA	9 KIPS	0.09
	183.748							22	GONDOLA	-8 KIPS	0.01
	183.604							41	GONDOLA	-20 KIPS	0.02
	183.480							60	GONDOLA	-30 KIPS	0.04
	183.318							78	GONDOLA	-41 KIPS	0.05
	183.172							98	GONDOLA	-53 KIPS	0.09
HELPERS	183.165							99	GM10B	-23 KIPS	0.06
	183.152							100	GM6C	0 KIPS	0.12
0: 5: 20	183.985	0	25	RUN 2	125	REL	REL	1	SD40	4 KIPS	0.12
	183.972							2	SD40	8 KIPS	0.08
	183.960							3	GONDOLA	-14 KIPS	0.09
	183.818							41	GONDOLA	-24 KIPS	0.03
	183.672							60	GONDOLA	-33 KIPS	0.04
	183.528							79	GONDOLA	-42 KIPS	0.05
	183.384							98	GONDOLA	-53 KIPS	0.09
	183.240							99	GM10B	-23 KIPS	0.06
	183.233							100	GM6C	0 KIPS	0.12
HELPERS	183.220							1	SD40	4 KIPS	0.12
SDG M	184							2	SD40	8 KIPS	0.08
0: 5: 22	184.000	0	25	RUN 2	138	REL	REL	1	GONDOLA	-13 KIPS	0.09
	183.988							2	GONDOLA	-23 KIPS	0.03
	183.975							3	GONDOLA	-33 KIPS	0.04
	183.831							41	GONDOLA	-42 KIPS	0.05
	183.687							60	GONDOLA	-53 KIPS	0.09
	183.544							79	GM10B	-23 KIPS	0.06
	183.400							98	GM6C	0 KIPS	0.12
	183.258							99	SD40	4 KIPS	0.12
	183.248							100	SD40	8 KIPS	0.08
HELPERS	183.235							1	GONDOLA	-13 KIPS	0.09
								2	GONDOLA	-24 KIPS	0.03
								3	GONDOLA	-34 KIPS	0.04
								41	GONDOLA	-43 KIPS	0.05
								60	GONDOLA	-52 KIPS	0.09
								79	GM10B	-23 KIPS	0.06
								98	GM6C	0 KIPS	0.12
								99	SD40	4 KIPS	0.12
								100	SD40	8 KIPS	0.08

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS REL	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0: 5:30	184.056	0	26	RUN 2	138	REL	REL	80#	0#	-52:99	12:2	SD40	0 KIPS	0.12
	184.043							80#	0#			SD40	5 KIPS	0.12
	184.031							80#	0#			GONDOLA	10 KIPS	0.09
	183.887							80#	0#			GONDOLA	13 KIPS	0.09
	183.743							80#	0#			GONDOLA	-13 KIPS	0.03
	183.599							80#	0#			GONDOLA	-24 KIPS	0.04
	183.455							80#	0#			GONDOLA	-33 KIPS	0.05
	183.311							80#	0#			GONDOLA	-43 KIPS	0.09
HELPERS	183.304							80#	0#			GM10B	52 KIPS	0.09
	183.291							80#	0#			GMBC	-23 KIPS	0.05
0: 5:37	184.110	0	27	RUN 2	134	REL	REL	80#	0#	-51:99	.09:42	SD40	0 KIPS	0.00
	184.098							80#	0#			SD40	5 KIPS	0.00
	184.085							80#	0#			GONDOLA	9 KIPS	0.00
	183.941							80#	0#			GONDOLA	-5 KIPS	0.08
	183.797							80#	0#			GONDOLA	-20 KIPS	0.09
	183.654							80#	0#			GONDOLA	-30 KIPS	0.03
	183.510							80#	0#			GONDOLA	-40 KIPS	0.05
HELPERS	183.368							80#	0#			GONDOLA	-51 KIPS	0.09
	183.358							80#	0#			GM10B	-22 KIPS	0.09
	183.345							80#	0#			GMBC	0 KIPS	0.05
-----> RUN 4														
0: 5:38	184.117	0	27	RUN 4	149	REL	REL	80#	0#	-51:99	.09:43	SD40	0 KIPS	0.00
	184.105							80#	0#			SD40	4 KIPS	0.00
	184.093							80#	0#			GONDOLA	9 KIPS	0.00
	183.948							80#	0#			GONDOLA	-2 KIPS	0.08
	183.805							80#	0#			GONDOLA	-18 KIPS	0.09
	183.661							80#	0#			GONDOLA	-29 KIPS	0.03
	183.517							80#	0#			GONDOLA	-40 KIPS	0.05
	183.373							80#	0#			GONDOLA	-50 KIPS	0.09
HELPERS	183.368							80#	0#			GM10B	-22 KIPS	0.09
	183.352							80#	0#			GMBC	0 KIPS	0.05
0: 5:39	184.125	0	27	RUN 4	160	REL	REL	80#	0#	-54:99	.09:98	SD40	0 KIPS	0.00
	184.113							80#	0#			SD40	3 KIPS	0.00
	184.100							80#	0#			GONDOLA	8 KIPS	0.00
	183.958							80#	0#			GONDOLA	-2 KIPS	0.08
	183.812							80#	0#			GONDOLA	-19 KIPS	0.08
	183.668							80#	0#			GONDOLA	-30 KIPS	0.04
	183.524							80#	0#			GONDOLA	-42 KIPS	0.05
	183.381							80#	0#			GONDOLA	-53 KIPS	0.09
HELPERS	183.373							80#	0#			GM10B	-23 KIPS	0.09
	183.360							80#	0#			GMBC	0 KIPS	0.08
-----> TRAIN ENTERING 1.31 % GRADE														

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
O: 5:40	184.129	0	27	RUN	4	183	REL	80# 0# -60:99 .10:98	1	SD40	0 KIPS	1 KIPS	0.00
	184.117							80# 0#	2	SD40	1 KIPS	8 KIPS	0.00
	184.104							80# 0#	3	GONDOLA	8 KIPS	8 KIPS	0.00
	183.960							80# 0#	22	GONDOLA	-2 KIPS	-3 KIPS	0.08
	183.817							80# 0#	41	GONDOLA	-20 KIPS	-21 KIPS	0.09
	183.673							80# 0#	60	GONDOLA	-34 KIPS	-35 KIPS	0.04
	183.529							80# 0#	79	GONDOLA	-47 KIPS	-48 KIPS	0.05
	183.385							80# 0#	98	GONDOLA	-59 KIPS	-60 KIPS	0.10
	183.377							80# 0#	99	GM10B	-60 KIPS	-26 KIPS	0.10
	183.364							80# 0#	100	GM6C	-26 KIPS	0 KIPS	0.08
O: 5:50	184.206	0	28	RUN	4	308	REL	80# 0# -103:99 .18:98	1	SD40	0 KIPS	13 KIPS	0.00
	184.193							80# 0#	2	SD40	13 KIPS	28 KIPS	0.00
	184.181							80# 0#	3	GONDOLA	28 KIPS	22 KIPS	0.00
	184.037							80# 0#	22	GONDOLA	-34 KIPS	-35 KIPS	0.08
	183.893							80# 0#	41	GONDOLA	-53 KIPS	-54 KIPS	0.11
	183.749							80# 0#	60	GONDOLA	-72 KIPS	-73 KIPS	0.09
	183.605							80# 0#	78	GONDOLA	-87 KIPS	-88 KIPS	0.10
	183.481							80# 0#	98	GONDOLA	-103 KIPS	-103 KIPS	0.18
	183.454							80# 0#	99	GM10B	-103 KIPS	-48 KIPS	0.17
	183.441							80# 0#	100	GM6C	-48 KIPS	0 KIPS	0.11
-----> TRAIN ENTERING 3.50 DEGREE CURVE													
O: 6: 0	184.285	0	29	RUN	4	298	REL	80# 0# -104:99 .18:98	1	SD40	0 KIPS	81 KIPS	0.10
	184.273							80# 0#	2	SD40	81 KIPS	-74 KIPS	0.12
	184.261							80# 0#	3	GONDOLA	-74 KIPS	-68 KIPS	0.08
	184.117							80# 0#	22	GONDOLA	-59 KIPS	-59 KIPS	0.07
	183.973							80# 0#	41	GONDOLA	-69 KIPS	-70 KIPS	0.14
	183.829							80# 0#	60	GONDOLA	-84 KIPS	-84 KIPS	0.16
	183.685							80# 0#	79	GONDOLA	-94 KIPS	-94 KIPS	0.10
	183.541							80# 0#	98	GONDOLA	-103 KIPS	-104 KIPS	0.18
	183.533							80# 0#	99	GM10B	-104 KIPS	-48 KIPS	0.17
	183.520							80# 0#	100	GM6C	-48 KIPS	0 KIPS	0.11
O: 6:10	184.367	0	30	RUN	4	294	REL	80# 0# -105:76 .19:75	1	SD40	0 KIPS	12 KIPS	0.10
	184.355							80# 0#	2	SD40	12 KIPS	25 KIPS	0.12
	184.342							80# 0#	3	GONDOLA	25 KIPS	21 KIPS	0.08
	184.199							80# 0#	22	GONDOLA	-73 KIPS	-77 KIPS	0.09
	184.055							80# 0#	41	GONDOLA	-98 KIPS	-98 KIPS	0.16
	183.911							80# 0#	60	GONDOLA	-101 KIPS	-101 KIPS	0.12
	183.767							80# 0#	79	GONDOLA	-104 KIPS	-104 KIPS	0.18
	183.623							80# 0#	98	GONDOLA	-104 KIPS	-104 KIPS	0.18
	183.615							80# 0#	99	GM10B	-104 KIPS	-48 KIPS	0.17
	183.602							80# 0#	100	GM6C	-48 KIPS	0 KIPS	0.11
-----> TRAIN ENTERING 3.50 DEGREE CURVE													
HELPERS	183.802							80# 0#	100	GM6C	-48 KIPS	0 KIPS	0.11
	183.602							80# 0#	100	GM6C	-48 KIPS	0 KIPS	0.11
	183.602							80# 0#	100	GM6C	-48 KIPS	0 KIPS	0.11
	183.602							80# 0#	100	GM6C	-48 KIPS	0 KIPS	0.11
	183.602							80# 0#	100	GM6C	-48 KIPS	0 KIPS	0.11
	183.602							80# 0#	100	GM6C	-48 KIPS	0 KIPS	0.11
	183.602							80# 0#	100	GM6C	-48 KIPS	0 KIPS	0.11
	183.602							80# 0#	100	GM6C	-48 KIPS	0 KIPS	0.11
	183.602							80# 0#	100	GM6C	-48 KIPS	0 KIPS	0.11
	183.602							80# 0#	100	GM6C	-48 KIPS	0 KIPS	0.11

-----> TRAIN ENTERING 3.50 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THTLT AMPS	SETTING TRN IND PIPE	BRAKES PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO					
									DRAWBAR FORCES FORE	AFT						
O: 6:19	184.440	0	30	RUN 4	292	REL REL	80#	0#	0#	-122:43	20:85	1	SD40	0 KIPS	13 KIPS	0.10
	184.428						80#	0#	0#			2	SD40	13 KIPS	25 KIPS	0.12
	184.415						80#	0#	0#			3	GONDOLA	25 KIPS	22 KIPS	0.08
	184.271						80#	0#	0#			22	GONDOLA	-65 KIPS	-69 KIPS	0.17
	184.127						80#	0#	0#			41	GONDOLA	-118 KIPS	-121 KIPS	0.13
	183.984						80#	0#	0#			60	GONDOLA	-115 KIPS	-115 KIPS	0.20
	183.840						80#	0#	0#			79	GONDOLA	-112 KIPS	-112 KIPS	0.19
	183.696						80#	0#	0#			98	GONDOLA	-105 KIPS	-104 KIPS	0.18
	183.688			RUN 4	755	REL REL	80#	0#	0#			99	GM10B	-104 KIPS	-48 KIPS	0.17
	183.675						80#	0#	0#			100	GM6C	-46 KIPS	0 KIPS	0.11
-----> RUN 6																
-----> CONTINUE UNTIL SPEED REACHES 15 M.P.H.																
O: 6:20	184.448	0	30	RUN 6	307	REL REL	80#	0#	0#	-123:44	20:86	1	SD40	0 KIPS	12 KIPS	0.10
	184.436						80#	0#	0#			2	SD40	12 KIPS	24 KIPS	0.12
	184.424						80#	0#	0#			3	GONDOLA	24 KIPS	21 KIPS	0.08
	184.280						80#	0#	0#			22	GONDOLA	-47 KIPS	-51 KIPS	0.14
	184.136						80#	0#	0#			41	GONDOLA	-117 KIPS	-120 KIPS	0.13
	183.992						80#	0#	0#			60	GONDOLA	-115 KIPS	-115 KIPS	0.20
	183.848						80#	0#	0#			79	GONDOLA	-111 KIPS	-111 KIPS	0.19
	183.704						80#	0#	0#			98	GONDOLA	-104 KIPS	-103 KIPS	0.17
	183.698			RUN 6	770	REL REL	80#	0#	0#			99	GM10B	-103 KIPS	-45 KIPS	0.17
	183.683						80#	0#	0#			100	GM6C	-45 KIPS	0 KIPS	0.10
O: 6:20	184.450	0	30	RUN 6	308	REL REL	80#	0#	0#	-126:45	20:87	1	SD40	0 KIPS	12 KIPS	0.10
	184.438						80#	0#	0#			2	SD40	12 KIPS	24 KIPS	0.12
	184.425						80#	0#	0#			3	GONDOLA	24 KIPS	21 KIPS	0.08
	184.281						80#	0#	0#			22	GONDOLA	-46 KIPS	-50 KIPS	0.14
	184.137						80#	0#	0#			41	GONDOLA	-118 KIPS	-119 KIPS	0.13
	183.994						80#	0#	0#			60	GONDOLA	-117 KIPS	-117 KIPS	0.20
	183.850						80#	0#	0#			79	GONDOLA	-112 KIPS	-111 KIPS	0.19
	183.706						80#	0#	0#			98	GONDOLA	-103 KIPS	-102 KIPS	0.18
	183.698			RUN 6	770	REL REL	80#	0#	0#			99	GM10B	-102 KIPS	-44 KIPS	0.17
	183.685						80#	0#	0#			100	GM6C	-44 KIPS	0 KIPS	0.10
O: 6:21	184.458	0	30	RUN 6	324	REL REL	80#	0#	0#	-132:45	21:87	1	SD40	0 KIPS	13 KIPS	0.10
	184.446						80#	0#	0#			2	SD40	13 KIPS	25 KIPS	0.12
	184.434						80#	0#	0#			3	GONDOLA	25 KIPS	22 KIPS	0.08
	184.290						80#	0#	0#			22	GONDOLA	-50 KIPS	-54 KIPS	0.15
	184.146						80#	0#	0#			41	GONDOLA	-119 KIPS	-123 KIPS	0.13
	184.002						80#	0#	0#			60	GONDOLA	-124 KIPS	-123 KIPS	0.20
	183.858						80#	0#	0#			79	GONDOLA	-118 KIPS	-118 KIPS	0.20
	183.714						80#	0#	0#			98	GONDOLA	-110 KIPS	-110 KIPS	0.18
	183.706			RUN 6	804	REL REL	80#	0#	0#			99	GM10B	-110 KIPS	-48 KIPS	0.18
	183.693						80#	0#	0#			100	GM6C	-48 KIPS	0 KIPS	0.11

STATION TIME	MP	SPEED LMT RUN	THYLE AMPS TRN IND PIPE CYL	BRAKES SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES			L/V RATIO
							IDENTIFIER	DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
O: 6:30	184.533	0	30 RUN 6	480 REL REL	80# 0# -155:93 28:98	1	SD40	0 KIPS	28 KIPS	0.10
	184.521				80# 0#	2	SD40	28 KIPS	51 KIPS	0.14
	184.509				80# 0#	3	GONDOLA	51 KIPS	48 KIPS	0.13
	184.395				80# 0#	22	GONDOLA	-52 KIPS	-58 KIPS	0.15
	184.221				80# 0#	41	GONDOLA	-125 KIPS	-128 KIPS	0.14
	184.077				80# 0#	60	GONDOLA	-152 KIPS	-152 KIPS	0.21
	183.933				80# 0#	79	GONDOLA	-153 KIPS	-153 KIPS	0.23
	183.789				80# 0#	98	GONDOLA	-154 KIPS	-154 KIPS	0.26
	183.781				80# 0#	98	GM108	-67 KIPS	-67 KIPS	0.25
	183.768				80# 0#	100	GM6C	-67 KIPS	0 KIPS	0.16
-----> TRAIN ENTERING 0.00 DEGREE CURVE										
O: 6:40	184.617	0	30 RUN 6	458 REL REL	80# 0# -177:66 32:98	1	SD40	0 KIPS	28 KIPS	0.10
	184.605				80# 0#	2	SD40	28 KIPS	51 KIPS	0.14
	184.592				80# 0#	3	GONDOLA	51 KIPS	48 KIPS	0.13
	184.448				80# 0#	22	GONDOLA	-33 KIPS	-37 KIPS	0.12
	184.304				80# 0#	41	GONDOLA	-103 KIPS	-107 KIPS	0.22
	184.160				80# 0#	60	GONDOLA	-170 KIPS	-171 KIPS	0.19
	184.016				80# 0#	79	GONDOLA	-188 KIPS	-185 KIPS	0.25
	183.873				80# 0#	98	GONDOLA	-155 KIPS	-155 KIPS	0.32
	183.865				80# 0#	98	GM108	-67 KIPS	-67 KIPS	0.25
	183.852				80# 0#	100	GM6C	-67 KIPS	0 KIPS	0.20
-----> TRAIN ENTERING 4.00 DEGREE CURVE										
O: 6:50	184.700	0	30 RUN 6	466 REL REL	80# 0# -177:76 28:98	1	SD40	0 KIPS	27 KIPS	0.12
	184.688				80# 0#	2	SD40	27 KIPS	53 KIPS	0.13
	184.675				80# 0#	3	GONDOLA	53 KIPS	51 KIPS	0.15
	184.531				80# 0#	22	GONDOLA	-23 KIPS	-27 KIPS	0.09
	184.387				80# 0#	41	GONDOLA	-91 KIPS	-94 KIPS	0.20
	184.244				80# 0#	60	GONDOLA	-155 KIPS	-158 KIPS	0.25
	184.100				80# 0#	79	GONDOLA	-174 KIPS	-173 KIPS	0.18
	183.958				80# 0#	98	GONDOLA	-158 KIPS	-155 KIPS	0.28
	183.948				80# 0#	98	GM108	-67 KIPS	-67 KIPS	0.21
	183.935				80# 0#	100	GM6C	-67 KIPS	0 KIPS	0.18
O: 7: 0	184.782	0	29 RUN 6	471 REL REL	80# 0# -182:82 28:98	1	SD40	0 KIPS	27 KIPS	0.10
	184.769				80# 0#	2	SD40	27 KIPS	54 KIPS	0.13
	184.757				80# 0#	3	GONDOLA	54 KIPS	51 KIPS	0.14
	184.613				80# 0#	22	GONDOLA	-14 KIPS	-16 KIPS	0.08
	184.469				80# 0#	41	GONDOLA	-68 KIPS	-72 KIPS	0.17
	184.325				80# 0#	60	GONDOLA	-128 KIPS	-131 KIPS	0.24
	184.181				80# 0#	79	GONDOLA	-181 KIPS	-180 KIPS	0.20
	184.037				80# 0#	98	GONDOLA	-161 KIPS	-159 KIPS	0.28
	184.030				80# 0#	98	GM108	-159 KIPS	-69 KIPS	0.26
	184.017				80# 0#	100	GM6C	-69 KIPS	0 KIPS	0.18
HELPERS										

STATION TIME	MP	SPEED LMT	THRTLE RUN	AMPS	SETTING	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER	FOR BAR FORCES		L/V RATIO				
						TRN	IND PIPE CYL				DRAMBAR	AFT					
O: 7:10	184.861	0	28	RUN	6	487	REL	REL	80#	0#	-176:88	.27:98	1	SD40	0 KIPS	30 KIPS	0.10
	184.848								80#	0#			2	SD40	30 KIPS	60 KIPS	0.15
	184.836								80#	0#			3	GONDOLA	60 KIPS	57 KIPS	0.17
	184.892								80#	0#			22	GONDOLA	30 KIPS	-33 KIPS	0.08
	184.548								80#	0#			41	GONDOLA	-52 KIPS	-55 KIPS	0.14
	184.404								80#	0#			60	GONDOLA	-105 KIPS	-108 KIPS	0.21
	184.260								80#	0#			79	GONDOLA	-158 KIPS	-158 KIPS	0.25
	184.118								80#	0#			98	GONDOLA	-161 KIPS	-161 KIPS	0.27
	184.109								80#	0#			99	GM10B	-70 KIPS	-70 KIPS	0.26
	184.096								80#	0#			100	GM6C	0 KIPS	0 KIPS	0.16
-----> TRAIN ENTERING 0.00 DEGREE CURVE																	
-----> TRAIN ENTERING 2.50 DEGREE CURVE																	
O: 7:20	184.936	0	27	RUN	6	508	REL	REL	80#	0#	-161:98	.27:98	1	SD40	0 KIPS	32 KIPS	0.11
	184.924								80#	0#			2	SD40	32 KIPS	63 KIPS	0.15
	184.912								80#	0#			3	GONDOLA	63 KIPS	61 KIPS	0.17
	184.768								80#	0#			22	GONDOLA	19 KIPS	16 KIPS	0.08
	184.624								80#	0#			41	GONDOLA	-27 KIPS	-29 KIPS	0.09
	184.480								80#	0#			60	GONDOLA	-73 KIPS	-76 KIPS	0.17
	184.336								80#	0#			78	GONDOLA	-120 KIPS	-122 KIPS	0.22
	184.192								80#	0#			98	GONDOLA	-161 KIPS	-161 KIPS	0.27
	184.184								80#	0#			99	GM10B	-70 KIPS	-70 KIPS	0.26
	184.171								80#	0#			100	GM6C	0 KIPS	0 KIPS	0.16
O: 7:30	185.008	0	25	RUN	6	525	REL	REL	80#	0#	-155:99	.34:98	1	SD40	0 KIPS	33 KIPS	0.07
	184.996								80#	0#			2	SD40	33 KIPS	66 KIPS	0.12
	184.983								80#	0#			3	GONDOLA	66 KIPS	64 KIPS	0.14
	184.839								80#	0#			22	GONDOLA	23 KIPS	21 KIPS	0.09
	184.695								80#	0#			41	GONDOLA	-25 KIPS	-28 KIPS	0.11
	184.552								80#	0#			60	GONDOLA	-66 KIPS	-68 KIPS	0.18
	184.408								80#	0#			78	GONDOLA	-109 KIPS	-111 KIPS	0.21
	184.264								80#	0#			98	GONDOLA	-152 KIPS	-155 KIPS	0.34
	184.259								80#	0#			99	GM10B	-155 KIPS	-68 KIPS	0.27
	184.243								80#	0#			100	GM6C	0 KIPS	0 KIPS	0.18
O: 7:40	185.076	0	24	RUN	6	543	REL	REL	80#	0#	-156:99	.28:98	1	SD40	0 KIPS	35 KIPS	0.07
	185.064								80#	0#			2	SD40	35 KIPS	70 KIPS	0.12
	185.052								80#	0#			3	GONDOLA	70 KIPS	67 KIPS	0.12
	184.908								80#	0#			22	GONDOLA	28 KIPS	26 KIPS	0.10
	184.764								80#	0#			41	GONDOLA	-22 KIPS	-24 KIPS	0.10
	184.620								80#	0#			60	GONDOLA	-63 KIPS	-66 KIPS	0.15
	184.476								80#	0#			79	GONDOLA	-108 KIPS	-110 KIPS	0.21
	184.332								80#	0#			98	GONDOLA	-153 KIPS	-156 KIPS	0.29
	184.324								80#	0#			99	GM10B	-156 KIPS	-68 KIPS	0.22
	184.311								80#	0#			100	GM6C	0 KIPS	0 KIPS	0.18
-----> TRAIN ENTERING 0.00 DEGREE CURVE																	
-----> TRAIN ENTERING 2.50 DEGREE CURVE																	

STATION TIME	MP	SPEED LMT	THTLT RUN	AMPS SETTLING	BRKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE	AFT	L/V RATIO
0: 7:50	185.141	0	23	RUN 8	568	REL	REL	1	SD40	0 KIPS	36 KIPS	0.07
	185.128				80#	0#	-160:99	2	SD40	36 KIPS	71 KIPS	0.11
	185.118				80#	0#		3	GONDOLA	71 KIPS	88 KIPS	0.10
	184.972				80#	0#		22	GONDOLA	28 KIPS	28 KIPS	0.05
	184.828				80#	0#		41	GONDOLA	-30 KIPS	-32 KIPS	0.10
	184.684				80#	0#		60	GONDOLA	-74 KIPS	-76 KIPS	0.18
	184.540				80#	0#		79	GONDOLA	-114 KIPS	-116 KIPS	0.21
	184.396				80#	0#		98	GONDOLA	-157 KIPS	-160 KIPS	0.29
HELPERS	184.389			RUN 6	1171	REL	REL	98	GM108	-180 KIPS	-180 KIPS	0.22
	184.378				80#	0#		100	GM6C	-70 KIPS	0 KIPS	0.19
0: 8: 0	185.202	0	21	RUN 6	589	REL	REL	1	SD40	0 KIPS	39 KIPS	0.07
	185.189				80#	0#	-162:99	2	SD40	39 KIPS	78 KIPS	0.11
	185.177				80#	0#		3	GONDOLA	78 KIPS	78 KIPS	0.08
	185.033				80#	0#		22	GONDOLA	36 KIPS	34 KIPS	0.08
	184.889				80#	0#		41	GONDOLA	-29 KIPS	-32 KIPS	0.10
	184.745				80#	0#		60	GONDOLA	-73 KIPS	-76 KIPS	0.18
	184.601				80#	0#		79	GONDOLA	-114 KIPS	-117 KIPS	0.21
	184.457				80#	0#		98	GONDOLA	-159 KIPS	-162 KIPS	0.29
HELPERS	184.450			RUN 6	1183	REL	REL	98	GM108	-182 KIPS	-182 KIPS	0.20
	184.437				80#	0#		100	GM6C	-72 KIPS	0 KIPS	0.15
0: 8:10	185.280	0	20	RUN 6	624	REL	REL	1	SD40	0 KIPS	41 KIPS	0.08
	185.247				80#	0#	-164:99	2	SD40	41 KIPS	82 KIPS	0.11
	185.235				80#	0#		3	GONDOLA	82 KIPS	80 KIPS	0.08
	185.091				80#	0#		22	GONDOLA	39 KIPS	37 KIPS	0.06
	184.947				80#	0#		41	GONDOLA	-15 KIPS	-18 KIPS	0.10
	184.803				80#	0#		60	GONDOLA	-64 KIPS	-67 KIPS	0.15
	184.659				80#	0#		79	GONDOLA	-115 KIPS	-117 KIPS	0.22
	184.515				80#	0#		98	GONDOLA	-162 KIPS	-164 KIPS	0.29
HELPERS	184.508			RUN 6	1192	REL	REL	98	GM108	-184 KIPS	-184 KIPS	0.21
	184.495				80#	0#		100	GM6C	-73 KIPS	0 KIPS	0.16
0: 8:20	185.315	0	19	RUN 6	645	REL	REL	1	SD40	0 KIPS	43 KIPS	0.08
	185.302				80#	0#	-168:99	2	SD40	43 KIPS	86 KIPS	0.12
	185.290				80#	0#		3	GONDOLA	86 KIPS	84 KIPS	0.08
	185.146				80#	0#		22	GONDOLA	39 KIPS	38 KIPS	0.06
	185.002				80#	0#		41	GONDOLA	-22 KIPS	-24 KIPS	0.07
	184.858				80#	0#		60	GONDOLA	-69 KIPS	-71 KIPS	0.16
	184.714				80#	0#		79	GONDOLA	-118 KIPS	-120 KIPS	0.23
	184.570				80#	0#		98	GONDOLA	-163 KIPS	-166 KIPS	0.29
HELPERS	184.563			RUN 6	1200	REL	REL	98	GM108	-166 KIPS	-75 KIPS	0.21
	184.550				80#	0#		100	GM6C	-75 KIPS	0 KIPS	0.17

STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING TRN IN	PRESSURE PIPE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									FORWARD FORCES DRAWBAR	AFT	
O: 8:30	185.366	0	18	RUN 6	695	REL REL	80#	0#	0#	0#	0.08
	185.384						80#	0#	0#	0#	0.10
	185.392						80#	0#	0#	0#	0.07
	185.198						80#	0#	0#	0#	0.06
	185.054						80#	0#	0#	0#	0.06
	184.910						80#	0#	0#	0#	0.13
	184.766						80#	0#	0#	0#	0.22
	184.622						80#	0#	0#	0#	0.27
	184.615						80#	0#	0#	0#	0.18
	184.601						80#	0#	0#	0#	0.08
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
O: 8:40	185.416	0	17	RUN 6	720	REL REL	80#	0#	0#	0#	0.08
	185.403						80#	0#	0#	0#	0.15
	185.391						80#	0#	0#	0#	0.13
	185.247						80#	0#	0#	0#	0.06
	185.103						80#	0#	0#	0#	0.07
	184.959						80#	0#	0#	0#	0.14
	184.815						80#	0#	0#	0#	0.22
	184.671						80#	0#	0#	0#	0.35
	184.564						80#	0#	0#	0#	0.28
	184.451						80#	0#	0#	0#	0.00
O: 8:50	185.453	0	16	RUN 6	757	REL REL	80#	0#	0#	0#	0.06
	185.450						80#	0#	0#	0#	0.10
	185.438						80#	0#	0#	0#	0.07
	185.294						80#	0#	0#	0#	0.07
	185.150						80#	0#	0#	0#	0.13
	185.006						80#	0#	0#	0#	0.22
	184.862						80#	0#	0#	0#	0.35
	184.718						80#	0#	0#	0#	0.40
	184.711						80#	0#	0#	0#	0.28
	184.698						80#	0#	0#	0#	0.00
-----> TRAIN ENTERING 3.00 DEGREE CURVE											
O: 9: 0	185.507	0	16	RUN 6	796	REL REL	80#	0#	0#	0#	0.16
	185.495						80#	0#	0#	0#	0.22
	185.483						80#	0#	0#	0#	0.18
	185.339						80#	0#	0#	0#	0.07
	185.195						80#	0#	0#	0#	0.07
	185.051						80#	0#	0#	0#	0.13
	184.907						80#	0#	0#	0#	0.23
	184.763						80#	0#	0#	0#	0.38
	184.756						80#	0#	0#	0#	0.40
	184.742						80#	0#	0#	0#	0.28

STATION TIME	MP	SPEED LMT RUN	THITLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
O: 8: 8	185.542	0	15	RUN	8	812	REL	REL	80#	0#	0#	57 KIPS	0.10
	185.530								80#	0#	0#	113 KIPS	0.12
	185.517								80#	0#	0#	110 KIPS	0.09
	185.373								80#	0#	0#	58 KIPS	0.07
	185.228								80#	0#	0#	-14 KIPS	0.07
	185.085								80#	0#	0#	-42 KIPS	0.13
	184.942								80#	0#	0#	-88 KIPS	0.19
	184.798								80#	0#	0#	-117 KIPS	0.38
	184.780								80#	0#	0#	-172 KIPS	0.40
	184.777								80#	0#	0#	-80 KIPS	0.28
-----> RUN 8													
-----> CONTINUE FOR 300 SECONDS													
O: 8: 9	185.546	0	15	RUN	8	830	REL	REL	80#	0#	0#	57 KIPS	0.10
	185.534								80#	0#	0#	114 KIPS	0.12
	185.521								80#	0#	0#	111 KIPS	0.09
	185.378								80#	0#	0#	58 KIPS	0.07
	185.234								80#	0#	0#	28 KIPS	0.08
	185.080								80#	0#	0#	-55 KIPS	0.11
	184.946								80#	0#	0#	-112 KIPS	0.18
	184.802								80#	0#	0#	-171 KIPS	0.38
	184.784								80#	0#	0#	-79 KIPS	0.40
	184.781								80#	0#	0#	0 KIPS	0.27
HELPERS	185.550								80#	0#	0#	58 KIPS	0.10
	185.538								80#	0#	0#	115 KIPS	0.12
	185.528								80#	0#	0#	112 KIPS	0.09
	185.382								80#	0#	0#	61 KIPS	0.07
	185.238								80#	0#	0#	24 KIPS	0.06
	185.094								80#	0#	0#	-58 KIPS	0.11
	184.950								80#	0#	0#	-117 KIPS	0.18
	184.806								80#	0#	0#	-180 KIPS	0.37
	184.798								80#	0#	0#	-83 KIPS	0.42
	184.785								80#	0#	0#	0 KIPS	0.29
O: 8: 20	185.592	0	15	RUN	8	863	REL	REL	80#	0#	0#	59 KIPS	0.10
	185.580								80#	0#	0#	119 KIPS	0.13
	185.567								80#	0#	0#	116 KIPS	0.09
	185.423								80#	0#	0#	64 KIPS	0.07
	185.278								80#	0#	0#	-48 KIPS	0.08
	185.135								80#	0#	0#	-103 KIPS	0.17
	184.991								80#	0#	0#	-187 KIPS	0.24
	184.848								80#	0#	0#	-231 KIPS	0.43
	184.840								80#	0#	0#	-101 KIPS	0.51
	184.827								80#	0#	0#	0 KIPS	0.34
HELPERS	185.592								80#	0#	0#	59 KIPS	0.10
	185.580								80#	0#	0#	119 KIPS	0.13
	185.567								80#	0#	0#	116 KIPS	0.09
	185.423								80#	0#	0#	64 KIPS	0.07
	185.278								80#	0#	0#	-48 KIPS	0.08
	185.135								80#	0#	0#	-103 KIPS	0.17
	184.991								80#	0#	0#	-187 KIPS	0.24
	184.848								80#	0#	0#	-231 KIPS	0.43
	184.840								80#	0#	0#	-101 KIPS	0.51
	184.827								80#	0#	0#	0 KIPS	0.34

STATION TIME	MP	SPEED LMT RUN	THTLT AMPS	SETTING TRN INO PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRAWBAR FORCES FORE	DRAWBAR FORCES AFT	
O: 9:30	185.632	0	15	RUN 8	850	REL REL	1	SD40	0 KIPS	59 KIPS	0.10
	185.621						2	SD40	59 KIPS	117 KIPS	0.13
	185.608						3	GONDOLA	117 KIPS	114 KIPS	0.08
	185.465						22	GONDOLA	58 KIPS	53 KIPS	0.00
	185.321						41	GONDOLA	-42 KIPS	-45 KIPS	0.09
	185.177						60	GONDOLA	-104 KIPS	-107 KIPS	0.17
	185.033						79	GONDOLA	-166 KIPS	-169 KIPS	0.24
	184.889						98	GONDOLA	-229 KIPS	-233 KIPS	0.43
	184.881						99	GM10B	-233 KIPS	-102 KIPS	0.51
	184.868						100	GM6C	-102 KIPS	0 KIPS	0.34
-----> TRAIN ENTERING 0.53 % GRADE											
O: 9:40	185.674	0	15	RUN 8	864	REL REL	1	SD40	0 KIPS	62 KIPS	0.10
	185.662						2	SD40	62 KIPS	124 KIPS	0.13
	185.649						3	GONDOLA	124 KIPS	122 KIPS	0.09
	185.506						22	GONDOLA	60 KIPS	57 KIPS	0.08
	185.362						41	GONDOLA	-24 KIPS	-28 KIPS	0.08
	185.218						60	GONDOLA	-82 KIPS	-88 KIPS	0.18
	185.074						79	GONDOLA	-160 KIPS	-164 KIPS	0.23
	184.930						98	GONDOLA	-229 KIPS	-232 KIPS	0.47
	184.922						99	GM10B	-232 KIPS	-102 KIPS	0.52
	184.909						100	GM6C	-102 KIPS	0 KIPS	0.38
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
O: 9:50	185.715	0	15	RUN 8	850	REL REL	1	SD40	0 KIPS	61 KIPS	0.10
	185.703						2	SD40	61 KIPS	122 KIPS	0.17
	185.691						3	GONDOLA	122 KIPS	121 KIPS	0.11
	185.547						22	GONDOLA	66 KIPS	62 KIPS	0.08
	185.403						41	GONDOLA	-27 KIPS	-31 KIPS	0.08
	185.259						60	GONDOLA	-94 KIPS	-98 KIPS	0.18
	185.115						79	GONDOLA	-161 KIPS	-165 KIPS	0.23
	184.971						98	GONDOLA	-228 KIPS	-232 KIPS	0.36
	184.963						99	GM10B	-232 KIPS	-102 KIPS	0.31
	184.950						100	GM6C	-102 KIPS	0 KIPS	0.28
O: 10: 0	185.758	0	15	RUN 8	855	REL REL	1	SD40	0 KIPS	62 KIPS	0.00
	185.744						2	SD40	62 KIPS	123 KIPS	0.00
	185.732						3	GONDOLA	123 KIPS	122 KIPS	0.01
	185.586						22	GONDOLA	77 KIPS	73 KIPS	0.08
	185.444						41	GONDOLA	27 KIPS	-61 KIPS	0.00
	185.300						60	GONDOLA	-78 KIPS	-80 KIPS	0.14
	185.156						79	GONDOLA	-151 KIPS	-155 KIPS	0.22
	185.012						98	GONDOLA	-226 KIPS	-231 KIPS	0.36
	185.005						99	GM10B	-231 KIPS	-101 KIPS	0.29
	184.991						100	GM6C	-101 KIPS	0 KIPS	0.24
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
O: 10: 0	185.758	0	15	RUN 8	855	REL REL	1	SD40	0 KIPS	62 KIPS	0.00
	185.744						2	SD40	62 KIPS	123 KIPS	0.00
	185.732						3	GONDOLA	123 KIPS	122 KIPS	0.01
	185.586						22	GONDOLA	77 KIPS	73 KIPS	0.08
	185.444						41	GONDOLA	27 KIPS	-61 KIPS	0.00
	185.300						60	GONDOLA	-78 KIPS	-80 KIPS	0.14
	185.156						79	GONDOLA	-151 KIPS	-155 KIPS	0.22
	185.012						98	GONDOLA	-226 KIPS	-231 KIPS	0.36
	185.005						99	GM10B	-231 KIPS	-101 KIPS	0.29
	184.991						100	GM6C	-101 KIPS	0 KIPS	0.24

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS REL	SETTING REL	THIN INO REL	PIPE REL	CVL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO
0:10:10	185.798	0	15	RUN	8	835	REL	REL	80# 0# -230:99 .36:98	1	SD40	0 KIPS	0.00
	185.786								80# 0#	2	SD40	81 KIPS	0.00
	185.774								80# 0#	3	GONDOLA	122 KIPS	0.00
	185.830								80# 0#	22	GONDOLA	121 KIPS	0.00
	185.486								80# 0#	41	GONDOLA	75 KIPS	0.08
	185.342								80# 0#	60	GONDOLA	-17 KIPS	0.07
	185.198								80# 0#	78	GONDOLA	-85 KIPS	0.15
	185.054								80# 0#	98	GONDOLA	-158 KIPS	0.23
HELPERS	185.046								80# 0#	98	GONDOLA	-230 KIPS	0.36
	185.033								80# 0#	100	GM108	-101 KIPS	0.29
									80# 0#		GM8C	0 KIPS	0.24
-----> TRAIN ENTERING 3.00 DEGREE CURVE													
0:10:20	185.841	0	15	RUN	8	828	REL	REL	80# 0# -229:99 .36:98	1	SD40	0 KIPS	0.17
	185.828								80# 0#	2	SD40	59 KIPS	0.24
	185.816								80# 0#	3	GONDOLA	118 KIPS	0.20
	185.672								80# 0#	22	GONDOLA	117 KIPS	0.20
	185.528								80# 0#	41	GONDOLA	88 KIPS	0.08
	185.384								80# 0#	60	GONDOLA	23 KIPS	0.07
	185.240								80# 0#	78	GONDOLA	-72 KIPS	0.14
	185.088								80# 0#	98	GONDOLA	-152 KIPS	0.22
HELPERS	185.089								80# 0#	98	GONDOLA	-228 KIPS	0.36
	185.076								80# 0#	100	GM108	-100 KIPS	0.28
0:10:30	185.884	0	16	RUN	8	807	REL	REL	80# 0# -228:99 .36:98	1	SD40	0 KIPS	0.24
	185.872								80# 0#	2	SD40	58 KIPS	0.10
	185.859								80# 0#	3	GONDOLA	117 KIPS	0.12
	185.718								80# 0#	22	GONDOLA	114 KIPS	0.09
	185.572								80# 0#	41	GONDOLA	80 KIPS	0.08
	185.428								80# 0#	60	GONDOLA	22 KIPS	0.07
	185.284								80# 0#	78	GONDOLA	-73 KIPS	0.13
	185.140								80# 0#	98	GONDOLA	-148 KIPS	0.22
HELPERS	185.132								80# 0#	98	GONDOLA	-224 KIPS	0.36
	185.119								80# 0#	100	GM108	-99 KIPS	0.28
0:10:40	185.929	0	16	RUN	8	791	REL	REL	80# 0# -227:99 .36:98	1	SD40	0 KIPS	0.24
	185.916								80# 0#	2	SD40	56 KIPS	0.10
	185.804								80# 0#	3	GONDOLA	112 KIPS	0.12
	185.760								80# 0#	22	GONDOLA	108 KIPS	0.09
	185.616								80# 0#	41	GONDOLA	73 KIPS	0.00
	185.472								80# 0#	60	GONDOLA	28 KIPS	0.07
	185.328								80# 0#	78	GONDOLA	-68 KIPS	0.08
	185.184								80# 0#	98	GONDOLA	-145 KIPS	0.22
HELPERS	185.177								80# 0#	98	GONDOLA	-223 KIPS	0.36
	185.164								80# 0#	100	GM108	-227 KIPS	0.28
									80# 0#		GM8C	0 KIPS	0.24

STATION TIME	MP	SPEED LMT RUN	THYLE AMP	SETTING TRN	IND	PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:10:50	185.974	0	17	RUN	8	770	REL REL	80# 0#	1	SD40	0 KIPS	55 KIPS	0.10
	185.982							80# 0#	2	SD40	55 KIPS	110 KIPS	0.12
	185.980							80# 0#	3	GONDOLA	110 KIPS	108 KIPS	0.09
	185.988							80# 0#	22	GONDOLA	71 KIPS	69 KIPS	0.01
	185.982							80# 0#	41	GONDOLA	29 KIPS	25 KIPS	0.07
HELPERS	185.518							80# 0#	60	GONDOLA	-84 KIPS	-68 KIPS	0.15
	185.374							80# 0#	79	GONDOLA	-140 KIPS	-145 KIPS	0.22
	185.230							80# 0#	98	GONDOLA	-220 KIPS	-225 KIPS	0.36
	185.222							80# 0#	98	GM10B	-225 KIPS	-96 KIPS	0.28
	185.209							80# 0#	100	GMBC	0 KIPS	0 KIPS	0.23
0:11:0	186.021	0	17	RUN	8	749	REL REL	80# 0#	1	SD40	0 KIPS	52 KIPS	0.10
	186.009							80# 0#	2	SD40	52 KIPS	105 KIPS	0.12
	186.997							80# 0#	3	GONDOLA	105 KIPS	102 KIPS	0.09
	185.853							80# 0#	22	GONDOLA	59 KIPS	57 KIPS	0.08
	185.709							80# 0#	41	GONDOLA	20 KIPS	18 KIPS	0.07
HELPERS	185.585							80# 0#	60	GONDOLA	-82 KIPS	-68 KIPS	0.14
	185.421							80# 0#	79	GONDOLA	-138 KIPS	-143 KIPS	0.21
	185.277							80# 0#	98	GONDOLA	-218 KIPS	-223 KIPS	0.36
	185.268							80# 0#	98	GM10B	-223 KIPS	-94 KIPS	0.27
	185.258							80# 0#	100	GMBC	0 KIPS	0 KIPS	0.23
0:11:10	186.070	0	18	RUN	8	731	REL REL	80# 0#	1	SD40	0 KIPS	51 KIPS	0.10
	186.058							80# 0#	2	SD40	51 KIPS	102 KIPS	0.12
	186.045							80# 0#	3	GONDOLA	102 KIPS	100 KIPS	0.09
	185.901							80# 0#	22	GONDOLA	59 KIPS	57 KIPS	0.07
	185.757							80# 0#	41	GONDOLA	19 KIPS	17 KIPS	0.00
HELPERS	185.613							80# 0#	60	GONDOLA	-48 KIPS	-53 KIPS	0.12
	185.470							80# 0#	79	GONDOLA	-132 KIPS	-136 KIPS	0.15
	185.326							80# 0#	98	GONDOLA	-215 KIPS	-219 KIPS	0.35
	185.318							80# 0#	98	GM10B	-219 KIPS	-91 KIPS	0.27
	185.305							80# 0#	100	GMBC	0 KIPS	0 KIPS	0.22
0:11:20	186.120	0	18	RUN	8	702	REL REL	80# 0#	1	SD40	0 KIPS	49 KIPS	0.10
	186.108							80# 0#	2	SD40	49 KIPS	98 KIPS	0.12
	186.095							80# 0#	3	GONDOLA	98 KIPS	95 KIPS	0.08
	185.952							80# 0#	22	GONDOLA	48 KIPS	47 KIPS	0.07
	185.808							80# 0#	41	GONDOLA	-23 KIPS	-25 KIPS	0.06
HELPERS	185.664							80# 0#	60	GONDOLA	-53 KIPS	-56 KIPS	0.13
	185.520							80# 0#	79	GONDOLA	-134 KIPS	-138 KIPS	0.24
	185.378							80# 0#	98	GONDOLA	-213 KIPS	-218 KIPS	0.35
	185.368							80# 0#	98	GM10B	-218 KIPS	-88 KIPS	0.27
	185.355							80# 0#	100	GMBC	-89 KIPS	0 KIPS	0.22

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											FORWARD FORCES	REAR FORCES	
0:11:30	186.172	0	19	RUN	8	681	REL	REL	80#	0#	0 KIPS	48 KIPS	0.09
	186.180								80#	0#	48 KIPS	92 KIPS	0.12
	186.147								80#	0#	92 KIPS	90 KIPS	0.08
	186.004								80#	0#	44 KIPS	42 KIPS	0.07
	185.880								80#	0#	-9 KIPS	-12 KIPS	0.07
	185.716								80#	0#	-54 KIPS	-57 KIPS	0.13
	185.572								80#	0#	-129 KIPS	-134 KIPS	0.22
	185.428								80#	0#	-211 KIPS	-218 KIPS	0.35
	185.420								80#	0#	-215 KIPS	-87 KIPS	0.34
	185.407								80#	0#	0 KIPS	0 KIPS	0.21
HELPERS	186.226	0	20	RUN	8	658	REL	REL	80#	0#	48 KIPS	90 KIPS	0.15
	186.214								80#	0#	87 KIPS	87 KIPS	0.14
	186.201								80#	0#	42 KIPS	40 KIPS	0.07
	186.058								80#	0#	-24 KIPS	-24 KIPS	0.08
	185.914								80#	0#	-70 KIPS	-72 KIPS	0.08
	185.770								80#	0#	-121 KIPS	-128 KIPS	0.21
	185.626								80#	0#	-209 KIPS	-213 KIPS	0.35
	185.482								80#	0#	-85 KIPS	0 KIPS	0.34
	185.474								80#	0#	43 KIPS	85 KIPS	0.00
	185.461								80#	0#	85 KIPS	83 KIPS	0.00
0:11:50	186.282	0	20	RUN	8	629	REL	REL	80#	0#	37 KIPS	34 KIPS	0.07
	186.270								80#	0#	-24 KIPS	-27 KIPS	0.08
	186.257								80#	0#	-75 KIPS	-77 KIPS	0.16
	186.114								80#	0#	-122 KIPS	-125 KIPS	0.21
	185.970								80#	0#	-207 KIPS	-211 KIPS	0.41
	185.826								80#	0#	-83 KIPS	0 KIPS	0.23
	185.682								80#	0#	0 KIPS	41 KIPS	0.12
	185.538								80#	0#	41 KIPS	83 KIPS	0.05
	185.530								80#	0#	83 KIPS	81 KIPS	0.00
	185.517								80#	0#	57 KIPS	55 KIPS	0.08
HELPERS	186.327								80#	0#	84 KIPS	101 KIPS	0.07
	186.314								80#	0#	-37 KIPS	-40 KIPS	0.10
	186.170								80#	0#	-110 KIPS	-114 KIPS	0.13
	186.027								80#	0#	-199 KIPS	-205 KIPS	0.34
	185.883								80#	0#	-205 KIPS	-79 KIPS	0.25
	185.739								80#	0#	-79 KIPS	0 KIPS	0.18
	185.595								80#	0#	0 KIPS	41 KIPS	0.12
	185.587								80#	0#	41 KIPS	83 KIPS	0.05
	185.574								80#	0#	83 KIPS	81 KIPS	0.00
									80#	0#	57 KIPS	55 KIPS	0.08
-----> TRAIN ENTERING 0.98 % GRADE													
-----> TRAIN ENTERING 3.00 DEGREE CURVE													
0:12:00	186.339	0	21	RUN	8	634	REL	REL	80#	0#	0 KIPS	41 KIPS	0.12
	186.327								80#	0#	41 KIPS	83 KIPS	0.05
	186.314								80#	0#	83 KIPS	81 KIPS	0.00
	186.170								80#	0#	57 KIPS	55 KIPS	0.08
	186.027								80#	0#	84 KIPS	101 KIPS	0.07
	185.883								80#	0#	-37 KIPS	-40 KIPS	0.10
	185.739								80#	0#	-110 KIPS	-114 KIPS	0.13
	185.595								80#	0#	-199 KIPS	-205 KIPS	0.34
	185.587								80#	0#	-205 KIPS	-79 KIPS	0.25
	185.574								80#	0#	-79 KIPS	0 KIPS	0.18

STATION TIME	MP	SPEED LMT	THLE RUN	AMPS 8	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO	
0:12:10	186.398	0	22	RUN	8	608	REL	REL	80#	0#	1	SD40	0 KIPS	40 KIPS	0.09
	186.386								80#	0#	2	SD40	40 KIPS	81 KIPS	0.14
	186.374								80#	0#	3	GONDOLA	81 KIPS	78 KIPS	0.11
	186.230								80#	0#	22	GONDOLA	-188 KIPS	-192 KIPS	0.04
	186.088								80#	0#	41	GONDOLA	-180 KIPS	-160 KIPS	0.17
HELPERS	185.942								80#	0#	60	GONDOLA	-124 KIPS	-127 KIPS	0.22
	185.788								80#	0#	79	GONDOLA	-169 KIPS	-171 KIPS	0.19
	185.654								80#	0#	98	GONDOLA	-208 KIPS	-212 KIPS	0.35
	185.646								80#	0#	99	GM10B	-81 KIPS	-81 KIPS	0.26
	185.633								80#	0#	100	GM6C	0 KIPS	0 KIPS	0.18
0:12:20	185.460	0	23	RUN	8	564	REL	REL	80#	0#	1	SD40	38 KIPS	71 KIPS	0.09
	185.447								80#	0#	2	SD40	71 KIPS	68 KIPS	0.13
	185.435								80#	0#	3	GONDOLA	89 KIPS	86 KIPS	0.11
	185.291								80#	0#	41	GONDOLA	-123 KIPS	-125 KIPS	0.16
	185.147								80#	0#	60	GONDOLA	-170 KIPS	-170 KIPS	0.21
HELPERS	185.003								80#	0#	79	GONDOLA	-209 KIPS	-211 KIPS	0.35
	185.859								80#	0#	98	GONDOLA	-80 KIPS	-80 KIPS	0.33
	185.715								80#	0#	99	GM10B	0 KIPS	0 KIPS	0.18
	185.708								80#	0#	100	GM6C	38 KIPS	72 KIPS	0.13
	185.695								80#	0#	2	SD40	72 KIPS	69 KIPS	0.15
0:12:30	186.524	0	23	RUN	8	570	REL	REL	80#	0#	1	GONDOLA	-71 KIPS	-70 KIPS	0.10
	186.511								80#	0#	22	GONDOLA	-78 KIPS	-80 KIPS	0.11
	186.498								80#	0#	41	GONDOLA	-120 KIPS	-122 KIPS	0.22
	186.355								80#	0#	60	GONDOLA	-164 KIPS	-186 KIPS	0.26
	186.211								80#	0#	79	GONDOLA	-208 KIPS	-208 KIPS	0.34
HELPERS	185.923								80#	0#	98	GONDOLA	-76 KIPS	-78 KIPS	0.33
	185.778								80#	0#	99	GM10B	0 KIPS	0 KIPS	0.18
	185.772								80#	0#	100	GM6C	34 KIPS	68 KIPS	0.08
	185.759								80#	0#	1	SD40	68 KIPS	65 KIPS	0.13
	186.589	0	24	RUN	8	562	REL	REL	80#	0#	2	SD40	85 KIPS	81 KIPS	0.14
0:12:40	186.577								80#	0#	3	GONDOLA	44 KIPS	40 KIPS	0.10
	186.564								80#	0#	22	GONDOLA	-77 KIPS	-76 KIPS	0.09
	186.421								80#	0#	41	GONDOLA	-118 KIPS	-121 KIPS	0.21
	186.277								80#	0#	60	GONDOLA	-162 KIPS	-185 KIPS	0.26
	186.133								80#	0#	79	GONDOLA	-205 KIPS	-207 KIPS	0.37
HELPERS	185.989								80#	0#	98	GONDOLA	-76 KIPS	-78 KIPS	0.44
	185.845								80#	0#	99	GM10B	0 KIPS	0 KIPS	0.27
	185.837								80#	0#	100	GM6C	-76 KIPS	-76 KIPS	0.27
	185.824								80#	0#					
									80#	0#					

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STATION TIME	MP	SPEED LMT	THITLE RUN	AMP'S REL	SETTING REL	TRN REL	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO			
							IND PIPE	CYL				DRAINBAR FORCES FORE	AFT				
0:12:50	186.656	0	24	RUN	8	0	REL	80#	0#	-203:99	.44:99	1	SD40	0 KIPS	34 KIPS	0.08	
	186.644							80#	0#			2	SD40	34 KIPS	68 KIPS	0.13	
	186.631							80#	0#			3	GONDOLA	68 KIPS	65 KIPS	0.15	
	186.487							80#	0#			22	GONDOLA	-38 KIPS	-38 KIPS	0.07	
	186.344							80#	0#			41	GONDOLA	-79 KIPS	-82 KIPS	0.17	
	186.200							80#	0#			60	GONDOLA	-121 KIPS	-123 KIPS	0.22	
HELPERS	186.056							80#	0#			78	GONDOLA	-160 KIPS	-162 KIPS	0.26	
	185.912							80#	0#			88	GONDOLA	-201 KIPS	-203 KIPS	0.37	
	185.904							80#	0#			99	GM10B	-203 KIPS	-72 KIPS	0.44	
	185.891							80#	0#			100	GM6C	0 KIPS	0 KIPS	0.27	
	186.663	0	24	RUN	8	559	REL	REL	80#	0#	-203:99	.44:99	1	SD40	31 KIPS	31 KIPS	0.08
	186.650							80#	0#			2	SD40	61 KIPS	57 KIPS	0.13	
	186.638							80#	0#			3	GONDOLA	-24 KIPS	-28 KIPS	0.14	
	186.484							80#	0#			41	GONDOLA	-83 KIPS	-88 KIPS	0.09	
	186.350							80#	0#			60	GONDOLA	-125 KIPS	-126 KIPS	0.18	
	186.206							80#	0#			79	GONDOLA	-182 KIPS	-184 KIPS	0.26	
	186.062							80#	0#			98	GONDOLA	-201 KIPS	-203 KIPS	0.37	
	185.918							80#	0#			99	GM10B	-71 KIPS	0 KIPS	0.44	
HELPERS	185.911							80#	0#			100	GM6C	0 KIPS	14 KIPS	0.26	
	185.898							80#	0#			1	SD40	14 KIPS	29 KIPS	0.08	
	186.669	0	24	RUN	8	339	REL	REL	80#	0#	-203:99	.44:99	2	SD40	29 KIPS	27 KIPS	0.10
	186.657							80#	0#			3	GONDOLA	-28 KIPS	-31 KIPS	0.08	
	186.645							80#	0#			41	GONDOLA	-87 KIPS	-90 KIPS	0.18	
	186.501							80#	0#			60	GONDOLA	-128 KIPS	-130 KIPS	0.14	
	186.357							80#	0#			78	GONDOLA	-164 KIPS	-168 KIPS	0.26	
	186.213							80#	0#			99	GONDOLA	-201 KIPS	-203 KIPS	0.37	
	186.069							80#	0#			99	GM10B	-71 KIPS	0 KIPS	0.44	
	185.925							80#	0#			100	GM6C	0 KIPS	17 KIPS	0.26	
	185.918							80#	0#			1	SD40	17 KIPS	34 KIPS	0.08	
	185.904							80#	0#			2	SD40	34 KIPS	31 KIPS	0.10	
0:12:53	186.676	0	24	RUN	8	388	REL	REL	80#	0#	-203:99	.44:99	3	GONDOLA	-33 KIPS	-36 KIPS	0.09
	186.664							80#	0#			22	GONDOLA	-90 KIPS	-93 KIPS	0.11	
	186.652							80#	0#			41	GONDOLA	-132 KIPS	-134 KIPS	0.19	
	186.508							80#	0#			60	GONDOLA	-166 KIPS	-167 KIPS	0.15	
	186.364							80#	0#			79	GONDOLA	-201 KIPS	-203 KIPS	0.26	
	186.220							80#	0#			98	GONDOLA	-203 KIPS	-71 KIPS	0.37	
HELPERS	186.076							80#	0#			99	GM10B	-71 KIPS	0 KIPS	0.44	
	185.932							80#	0#			100	GM6C	0 KIPS	17 KIPS	0.26	
	185.924							80#	0#			1	SD40	17 KIPS	34 KIPS	0.08	
	185.911							80#	0#			2	SD40	34 KIPS	31 KIPS	0.10	
								80#	0#			3	GONDOLA	-33 KIPS	-36 KIPS	0.09	
								80#	0#			22	GONDOLA	-90 KIPS	-93 KIPS	0.11	
-----> TRAIN ENTERING 0.00 DEGREE CURVE																	

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN INO	BRAKES SETTING PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
0:13:0	186.724	0	24	RUN 8	547 REL REL	80# 0#	1	SD40	0 KIPS	33 KIPS	0.09
	186.711					80# 0#	2	SD40	33 KIPS	66 KIPS	0.12
	186.699					80# 0#	3	GONDOLA	66 KIPS	63 KIPS	0.13
	186.555					80# 0#	22	GONDOLA	72 KIPS	71 KIPS	0.12
	186.411					80# 0#	41	GONDOLA	-92 KIPS	-95 KIPS	0.19
HELPERS	186.267					80# 0#	60	GONDOLA	-137 KIPS	-138 KIPS	0.15
	186.123					80# 0#	79	GONDOLA	-168 KIPS	-170 KIPS	0.26
	185.979					80# 0#	98	GONDOLA	-203 KIPS	-205 KIPS	0.37
	185.959					80# 0#	100	GM10B	-205 KIPS	-73 KIPS	0.44
	186.792	0	25	RUN 8	552 REL REL	80# 0#	1	GM6C	-73 KIPS	0 KIPS	0.27
0:13:10	186.780					80# 0#	2	SD40	0 KIPS	34 KIPS	0.00
	186.767					80# 0#	3	SD40	34 KIPS	68 KIPS	0.00
	186.623					80# 0#	22	GONDOLA	68 KIPS	66 KIPS	0.00
	186.480					80# 0#	41	GONDOLA	43 KIPS	49 KIPS	0.08
	186.338					80# 0#	60	GONDOLA	-58 KIPS	-81 KIPS	0.15
HELPERS	186.192					80# 0#	79	GONDOLA	-120 KIPS	-123 KIPS	0.22
	186.048					80# 0#	98	GONDOLA	-160 KIPS	-162 KIPS	0.26
	186.040					80# 0#	99	GONDOLA	-199 KIPS	-201 KIPS	0.36
	186.027					80# 0#	100	GM10B	-201 KIPS	-70 KIPS	0.43
	186.861	0	25	RUN 8	543 REL REL	80# 0#	1	GM6C	-70 KIPS	0 KIPS	0.26
0:13:20	186.849					80# 0#	2	SD40	0 KIPS	33 KIPS	0.00
	186.836					80# 0#	3	SD40	33 KIPS	65 KIPS	0.00
	186.693					80# 0#	22	GONDOLA	65 KIPS	63 KIPS	0.00
	186.549					80# 0#	41	GONDOLA	43 KIPS	44 KIPS	0.06
	186.405					80# 0#	60	GONDOLA	-69 KIPS	-72 KIPS	0.16
HELPERS	186.261					80# 0#	79	GONDOLA	-128 KIPS	-129 KIPS	0.22
	186.117					80# 0#	98	GONDOLA	-167 KIPS	-168 KIPS	0.18
	186.109					80# 0#	99	GONDOLA	-200 KIPS	-202 KIPS	0.36
	186.096					80# 0#	100	GM10B	-202 KIPS	-70 KIPS	0.44
	186.931	0	25	RUN 8	546 REL REL	80# 0#	1	GM6C	-70 KIPS	0 KIPS	0.26
0:13:30	186.918					80# 0#	2	SD40	0 KIPS	33 KIPS	0.00
	186.806					80# 0#	3	SD40	33 KIPS	67 KIPS	0.00
	186.762					80# 0#	22	GONDOLA	67 KIPS	64 KIPS	0.00
	186.618					80# 0#	41	GONDOLA	22 KIPS	20 KIPS	0.00
	186.474					80# 0#	60	GONDOLA	-47 KIPS	-50 KIPS	0.14
HELPERS	186.330					80# 0#	79	GONDOLA	-106 KIPS	-109 KIPS	0.20
	186.186					80# 0#	98	GONDOLA	-183 KIPS	-186 KIPS	0.25
	186.179					80# 0#	99	GONDOLA	-199 KIPS	-201 KIPS	0.38
	186.166					80# 0#	100	GM10B	-201 KIPS	-68 KIPS	0.44
						80# 0#		GM6C	-68 KIPS	0 KIPS	0.28

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
						IND	PIPE				DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0:13:40	187.000	0	25	RUN	8	541	REL REL	80# 0# -202:99 .33:98	1	SD40	0 KIPS	33 KIPS	0.00
	188.988							80# 0#	2	SD40	33 KIPS	65 KIPS	0.00
	186.976							80# 0#	3	GONDOLA	65 KIPS	62 KIPS	0.00
	186.832							80# 0#	22	GONDOLA	21 KIPS	24 KIPS	0.00
	186.688							80# 0#	41	GONDOLA	-52 KIPS	-55 KIPS	0.15
	186.544							80# 0#	60	GONDOLA	-108 KIPS	-111 KIPS	0.21
	186.400							80# 0#	79	GONDOLA	-184 KIPS	-187 KIPS	0.26
	186.256							80# 0#	98	GONDOLA	-200 KIPS	-202 KIPS	0.33
HELPERS	186.249							80# 0#	99	GM108	-69 KIPS	-69 KIPS	0.32
	186.235							80# 0#	100	GM6C	0 KIPS	0 KIPS	0.18
0:13:50	187.070	0	25	RUN	8	545	REL REL	80# 0# -201:99 .33:98	1	SD40	0 KIPS	33 KIPS	0.00
	187.058							80# 0#	2	SD40	33 KIPS	67 KIPS	0.00
	187.046							80# 0#	3	GONDOLA	67 KIPS	64 KIPS	0.00
	186.902							80# 0#	22	GONDOLA	23 KIPS	21 KIPS	0.00
	186.758							80# 0#	41	GONDOLA	-34 KIPS	-37 KIPS	0.05
	186.614							80# 0#	60	GONDOLA	-91 KIPS	-94 KIPS	0.19
	186.470							80# 0#	79	GONDOLA	-149 KIPS	-152 KIPS	0.25
	186.326							80# 0#	98	GONDOLA	-199 KIPS	-201 KIPS	0.33
HELPERS	186.318							80# 0#	99	GM108	-201 KIPS	-69 KIPS	0.32
	186.305							80# 0#	100	GM6C	0 KIPS	0 KIPS	0.18
0:14: 0	187.140	0	25	RUN	8	544	REL REL	80# 0# -198:99 .43:99	1	SD40	0 KIPS	33 KIPS	0.00
	187.128							80# 0#	2	SD40	33 KIPS	68 KIPS	0.00
	187.115							80# 0#	3	GONDOLA	68 KIPS	63 KIPS	0.00
	186.971							80# 0#	22	GONDOLA	18 KIPS	15 KIPS	0.00
	186.827							80# 0#	41	GONDOLA	-40 KIPS	-42 KIPS	0.05
	186.683							80# 0#	60	GONDOLA	-89 KIPS	-91 KIPS	0.18
	186.539							80# 0#	79	GONDOLA	-142 KIPS	-144 KIPS	0.24
	186.395							80# 0#	98	GONDOLA	-196 KIPS	-198 KIPS	0.36
HELPERS	186.388							80# 0#	99	GM108	-198 KIPS	-68 KIPS	0.43
	186.375							80# 0#	100	GM6C	0 KIPS	0 KIPS	0.26
0:14: 8	187.195	0	25	RUN	8	545	REL REL	80# 0# -198:99 .43:99	1	SD40	0 KIPS	33 KIPS	0.00
	187.183							80# 0#	2	SD40	33 KIPS	68 KIPS	0.00
	187.171							80# 0#	3	GONDOLA	68 KIPS	64 KIPS	0.00
	187.027							80# 0#	22	GONDOLA	20 KIPS	18 KIPS	0.00
	186.883							80# 0#	41	GONDOLA	-37 KIPS	-40 KIPS	0.04
	186.739							80# 0#	60	GONDOLA	-86 KIPS	-88 KIPS	0.10
	186.595							80# 0#	79	GONDOLA	-140 KIPS	-143 KIPS	0.24
	186.451							80# 0#	98	GONDOLA	-195 KIPS	-198 KIPS	0.36
HELPERS	186.443							80# 0#	99	GM108	-198 KIPS	-67 KIPS	0.43
	186.430							80# 0#	100	GM6C	0 KIPS	0 KIPS	0.26
----> RUN 6													

-----> RUN 8

STATION TIME	MP	SPEED LMT RUN	THITLE TRN IND	AMPS PIPE CYL	PRESSURE KIPS: CAR L/V: CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									FORE	AFT	
0:14: 9	187.202	0	25	RUN 6	530	REL REL	1	SD40	0 KIPS	33 KIPS	0.00
	187.190						2	SD40	33 KIPS	67 KIPS	0.00
	187.178						3	GONDOLA	67 KIPS	64 KIPS	0.00
	187.034						22	GONDOLA	21 KIPS	19 KIPS	0.00
	186.890						41	GONDOLA	-28 KIPS	-31 KIPS	0.03
HELPERS	186.802						60	GONDOLA	-78 KIPS	-82 KIPS	0.09
	186.458						79	GONDOLA	-135 KIPS	-138 KIPS	0.23
	186.450						98	GONDOLA	-192 KIPS	-195 KIPS	0.35
	186.437						99	GM108	-68 KIPS	0 KIPS	0.42
	187.208	0	25	RUN 6	531	REL REL	100	GM6C	0 KIPS	33 KIPS	0.25
0:14: 10	187.197						1	SD40	33 KIPS	67 KIPS	0.00
	187.185						2	SD40	67 KIPS	64 KIPS	0.00
	187.041						3	GONDOLA	21 KIPS	19 KIPS	0.00
	186.897						22	GONDOLA	-28 KIPS	-31 KIPS	0.03
	186.753						41	GONDOLA	-78 KIPS	-82 KIPS	0.08
HELPERS	186.609						60	GONDOLA	-135 KIPS	-138 KIPS	0.22
	186.485						79	GONDOLA	-192 KIPS	-195 KIPS	0.34
	186.457						98	GONDOLA	-68 KIPS	0 KIPS	0.41
	186.444						99	GM108	0 KIPS	33 KIPS	0.25
	187.278	0	25	RUN 6	534	REL REL	100	GM6C	34 KIPS	68 KIPS	0.11
-----> TRAIN ENTERING 3.00 DEGREE CURVE	187.266						1	SD40	68 KIPS	65 KIPS	0.05
	187.253						2	SD40	24 KIPS	26 KIPS	0.00
	137.110						3	GONDOLA	-23 KIPS	-26 KIPS	0.03
	186.968						22	GONDOLA	-71 KIPS	-75 KIPS	0.08
	186.822						41	GONDOLA	-125 KIPS	-128 KIPS	0.21
HELPERS	186.678						60	GONDOLA	-183 KIPS	-186 KIPS	0.33
	186.534						79	GONDOLA	-68 KIPS	0 KIPS	0.40
	186.526						98	GM108	0 KIPS	34 KIPS	0.08
	186.513						99	GM6C	68 KIPS	68 KIPS	0.15
	187.348	0	24	RUN 6	540	REL REL	100	SD40	27 KIPS	25 KIPS	0.00
0:14: 30	187.334						1	SD40	-21 KIPS	-23 KIPS	0.03
	187.321						2	GONDOLA	-84 KIPS	-88 KIPS	0.07
	187.177						3	GONDOLA	-107 KIPS	-109 KIPS	0.20
	187.033						22	GONDOLA	-156 KIPS	-158 KIPS	0.36
	186.889						41	GONDOLA	-68 KIPS	0 KIPS	0.28
HELPERS	186.745						60	GONDOLA	34 KIPS	68 KIPS	0.15
	186.602						79	GONDOLA	68 KIPS	68 KIPS	0.15
	186.594						80	GONDOLA	27 KIPS	25 KIPS	0.00
	186.581						98	GONDOLA	-21 KIPS	-23 KIPS	0.03
	187.581	0	24	RUN 6	1156	REL REL	99	GONDOLA	-84 KIPS	-88 KIPS	0.07
-----> TRAIN ENTERING 0.00 DEGREE CURVE							100	GM108	-107 KIPS	-109 KIPS	0.20
								GM6C	-156 KIPS	-158 KIPS	0.36

STATION TIME	MP	SPEED LMT	THLTL RUN	AMPS REL	SETTING REL	PIPE REL	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES AFT	L/V RATIO
0:14:40	187.413	0	24	RUN	6	544	REL	REL	80#	0#	0#	0#
	187.400								80#	0#	0#	0.09
	187.388								80#	0#	0#	0.13
	187.244								80#	0#	0#	0.15
	187.100								80#	0#	0#	0.00
	186.956								80#	0#	0#	0.03
	186.812								80#	0#	0#	0.08
	186.668								80#	0#	0#	0.12
HELPERS	186.661								80#	0#	0#	0.30
	186.648								80#	0#	0#	0.38
0:14:50	187.478	0	24	RUN	6	0	REL	REL	80#	0#	0#	0.26
	187.466								80#	0#	0#	0.00
	187.454								80#	0#	0#	0.03
	187.310								80#	0#	0#	0.08
	187.166								80#	0#	0#	0.06
	187.022								80#	0#	0#	0.03
	186.878								80#	0#	0#	0.08
HELPERS	186.727								80#	0#	0#	0.13
	186.713								80#	0#	0#	0.32
0:14:51	187.485	0	23	RUN	6	553	REL	REL	80#	0#	0#	0.38
	187.473								80#	0#	0#	0.28
	187.460								80#	0#	0#	0.00
	187.316								80#	0#	0#	0.00
	187.173								80#	0#	0#	0.06
	187.029								80#	0#	0#	0.03
	186.885								80#	0#	0#	0.08
	186.741								80#	0#	0#	0.13
HELPERS	186.733								80#	0#	0#	0.26
	186.720								80#	0#	0#	0.26
-----> TRAIN ENTERING 0.00 % GRADE												
-----> TRAIN ENTERING 4.50 DEGREE CURVE												
0:14:52	187.492	0	23	RUN	6	554	REL	REL	80#	0#	0#	0.13
	187.479								80#	0#	0#	0.00
	187.467								80#	0#	0#	0.00
	187.323								80#	0#	0#	0.08
	187.179								80#	0#	0#	0.03
	187.035								80#	0#	0#	0.08
	186.891								80#	0#	0#	0.13
	186.747								80#	0#	0#	0.26
HELPERS	186.740								80#	0#	0#	0.26
	186.727								80#	0#	0#	0.16

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS REL	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO
0:14:53	187.498	0	23	554	REL	REL	REL	REL	REL	REL	1	SD40	0 KIPS	0.16
	187.486										2	SD40	38 KIPS	0.16
	187.473										3	GONDOLA	76 KIPS	0.06
	187.329										22	GONDOLA	23 KIPS	0.06
	187.186										41	GONDOLA	25 KIPS	0.06
	187.042										60	GONDOLA	-28 KIPS	0.03
	186.898										78	GONDOLA	-71 KIPS	0.08
	186.754										98	GONDOLA	-115 KIPS	0.13
HELPERS	186.746										99	GONDOLA	-158 KIPS	0.26
	186.733										100	GM108	-70 KIPS	0.16
-----> TRAIN ENTERING 0.65 % GRADE														
0:15:0	187.843	0	23	553	REL	REL	REL	REL	REL	REL	1	SD40	0 KIPS	0.14
	187.831										2	SD40	38 KIPS	0.21
	187.519										3	GONDOLA	76 KIPS	0.16
	187.376										22	GONDOLA	29 KIPS	0.06
	187.231										41	GONDOLA	-31 KIPS	0.03
	187.087										60	GONDOLA	-71 KIPS	0.03
	186.943										79	GONDOLA	-114 KIPS	0.08
	186.798										98	GONDOLA	-157 KIPS	0.13
HELPERS	186.781										99	GM108	-71 KIPS	0.26
	187.808										100	GM8C	0 KIPS	0.17
0:15:10	187.598	0	23	558	REL	REL	REL	REL	REL	REL	1	SD40	37 KIPS	0.13
	187.583										2	SD40	73 KIPS	0.16
	187.439										3	GONDOLA	71 KIPS	0.12
	187.295										22	GONDOLA	43 KIPS	0.07
	187.151										41	GONDOLA	-23 KIPS	0.06
	187.007										60	GONDOLA	-68 KIPS	0.08
	186.863										78	GONDOLA	-112 KIPS	0.13
	186.858										98	GONDOLA	-157 KIPS	0.26
	186.843										99	GM108	-70 KIPS	0.26
0:15:20	187.872	0	23	582	REL	REL	REL	REL	REL	REL	1	SD40	0 KIPS	0.16
	187.859										2	SD40	37 KIPS	0.13
	187.647										3	GONDOLA	73 KIPS	0.16
	187.503										22	GONDOLA	71 KIPS	0.12
	187.359										41	GONDOLA	44 KIPS	0.10
	187.215										60	GONDOLA	-19 KIPS	0.08
	187.071										78	GONDOLA	-68 KIPS	0.08
	186.927										98	GONDOLA	-113 KIPS	0.12
HELPERS	186.920										99	GONDOLA	-158 KIPS	0.26
	186.907										100	GM108	-70 KIPS	0.26
												GM8C	0 KIPS	0.18

STATION TIME	MP	SPEED LMT RUN	THITLE AMPS TRN INO PIPE CYL	BRAKES SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES			L/V RATIO
							IDENTIFIER	DRAMBAR FORCES FORE	AFT	
0:15:30	187.735	0	23 RUN 6	561 REL	80# 0#	1	SD40	0 KIPS	38 KIPS	0.13
	187.723				80# 0#	2	SD40	36 KIPS	73 KIPS	0.16
	187.711				80# 0#	3	GONDOLA	73 KIPS	71 KIPS	0.12
	187.587				80# 0#	22	GONDOLA	32 KIPS	30 KIPS	0.11
	187.423				80# 0#	41	GONDOLA	-16 KIPS	-18 KIPS	0.07
	187.278				80# 0#	60	GONDOLA	-85 KIPS	-87 KIPS	0.15
	187.135				80# 0#	79	GONDOLA	-111 KIPS	-113 KIPS	0.12
	186.991				80# 0#	98	GONDOLA	-157 KIPS	-160 KIPS	0.27
HELPERS	186.883		RUN 6 1170 REL	REL	80# 0#	99	GM108	-180 KIPS	-71 KIPS	0.26
	186.870				80# 0#	100	GM6C	-71 KIPS	0 KIPS	0.17
-----> TRAIN ENTERING 0.00 DEGREE CURVE										
0:15:40	187.798	0	23 RUN 6	566 REL	80# 0#	1	SD40	0 KIPS	37 KIPS	0.13
	187.786				80# 0#	2	SD40	37 KIPS	75 KIPS	0.16
	187.774				80# 0#	3	GONDOLA	75 KIPS	73 KIPS	0.16
	187.630				80# 0#	22	GONDOLA	35 KIPS	33 KIPS	0.11
	187.488				80# 0#	41	GONDOLA	19 KIPS	14 KIPS	0.00
	187.342				80# 0#	60	GONDOLA	-55 KIPS	-58 KIPS	0.14
	187.198				80# 0#	78	GONDOLA	-108 KIPS	-108 KIPS	0.12
	187.054				80# 0#	98	GONDOLA	-156 KIPS	-159 KIPS	0.26
HELPERS	187.047		RUN 6 1170 REL	REL	80# 0#	99	GM108	-159 KIPS	-70 KIPS	0.26
	187.033				80# 0#	100	GM6C	-70 KIPS	0 KIPS	0.16
0:15:50	187.882	0	23 RUN 6	567 REL	80# 0#	1	SD40	0 KIPS	38 KIPS	0.00
	187.849				80# 0#	2	SD40	38 KIPS	75 KIPS	0.00
	187.837				80# 0#	3	GONDOLA	75 KIPS	74 KIPS	0.11
	187.693				80# 0#	22	GONDOLA	37 KIPS	35 KIPS	0.11
	187.549				80# 0#	41	GONDOLA	-20 KIPS	-22 KIPS	0.11
	187.405				80# 0#	60	GONDOLA	-55 KIPS	-57 KIPS	0.14
	187.261				80# 0#	79	GONDOLA	-108 KIPS	-111 KIPS	0.12
	187.117				80# 0#	98	GONDOLA	-157 KIPS	-159 KIPS	0.26
HELPERS	187.110		RUN 6 1170 REL	REL	80# 0#	99	GM108	-159 KIPS	-70 KIPS	0.26
	187.087				80# 0#	100	GM6C	-70 KIPS	0 KIPS	0.16
0:16: 0	187.925	0	23 RUN 6	562 REL	80# 0#	1	SD40	0 KIPS	37 KIPS	0.00
	187.912				80# 0#	2	SD40	37 KIPS	74 KIPS	0.00
	187.900				80# 0#	3	GONDOLA	74 KIPS	72 KIPS	0.00
	187.758				80# 0#	22	GONDOLA	37 KIPS	35 KIPS	0.11
	187.612				80# 0#	41	GONDOLA	-20 KIPS	-22 KIPS	0.11
	187.468				80# 0#	60	GONDOLA	-54 KIPS	-57 KIPS	0.06
	187.324				80# 0#	79	GONDOLA	-108 KIPS	-110 KIPS	0.20
	187.180				80# 0#	98	GONDOLA	-157 KIPS	-159 KIPS	0.27
HELPERS	187.173		RUN 6 1171 REL	REL	80# 0#	99	GM108	-159 KIPS	-71 KIPS	0.26
	187.160				80# 0#	100	GM6C	-71 KIPS	0 KIPS	0.17
-----> TRAIN ENTERING 4.00 DEGREE CURVE										

STATION TIME	SPEED LMT	THRTLE RUN	AMPS TRN	SETTING REL	BRAKES IND	PRESSURE PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES		L/V RATIO					
									IDENTIFIER	DRAWBAR FORCES FORE AFT						
0:16:10	187.988	0	23	RUN 8	564	REL	REL	80#	0#	-158.99	.26:98	1	SD40	0 KIPS	37 KIPS	0.15
	187.976				80#	0#		80#	0#			2	SD40	37 KIPS	75 KIPS	0.06
	187.963				80#	0#		80#	0#			3	GONDOLA	75 KIPS	73 KIPS	0.00
	187.818				80#	0#		80#	0#			22	GONDOLA	43 KIPS	41 KIPS	0.11
	187.676				80#	0#		80#	0#			41	GONDOLA	-33 KIPS	-16 KIPS	0.10
	187.532				80#	0#		80#	0#			60	GONDOLA	-52 KIPS	-22 KIPS	0.15
	187.388				80#	0#		80#	0#			79	GONDOLA	-49 KIPS	-102 KIPS	0.19
	187.244				80#	0#		80#	0#			88	GONDOLA	-155 KIPS	-158 KIPS	0.26
	187.236				80#	0#		80#	0#			99	GM10B	-70 KIPS	0 KIPS	0.16
	187.223				80#	0#		80#	0#			100	GM6C			
-----> TRAIN ENTERING 0.65 % GRADE																
0:16:20	188.052	0	23	RUN 8	581	REL	REL	80#	0#	-158.99	.36:99	1	SD40	0 KIPS	36 KIPS	0.13
	188.039				80#	0#		80#	0#			2	SD40	36 KIPS	74 KIPS	0.15
	188.027				80#	0#		80#	0#			3	GONDOLA	74 KIPS	72 KIPS	0.11
	187.883				80#	0#		80#	0#			22	GONDOLA	40 KIPS	38 KIPS	0.00
	187.739				80#	0#		80#	0#			41	GONDOLA	-21 KIPS	-20 KIPS	0.11
	187.595				80#	0#		80#	0#			60	GONDOLA	-62 KIPS	-65 KIPS	0.18
	187.451				80#	0#		80#	0#			78	GONDOLA	-99 KIPS	-102 KIPS	0.19
	187.307				80#	0#		80#	0#			98	GONDOLA	-155 KIPS	-158 KIPS	0.31
	187.287				80#	0#		80#	0#			99	GM10B	-158 KIPS	-70 KIPS	0.36
	188.116	0	23	RUN 8	558	REL	REL	80#	0#	-158.99	.36:99	100	GM6C	-70 KIPS	0 KIPS	0.25
0:16:30	188.103				80#	0#		80#	0#			1	SD40	0 KIPS	35 KIPS	0.12
	188.081				80#	0#		80#	0#			2	SD40	35 KIPS	70 KIPS	0.13
	187.947				80#	0#		80#	0#			3	GONDOLA	70 KIPS	68 KIPS	0.10
	187.803				80#	0#		80#	0#			22	GONDOLA	26 KIPS	26 KIPS	0.00
	187.659				80#	0#		80#	0#			41	GONDOLA	-17 KIPS	-20 KIPS	0.00
	187.515				80#	0#		80#	0#			60	GONDOLA	-62 KIPS	-64 KIPS	0.18
	187.371				80#	0#		80#	0#			78	GONDOLA	-106 KIPS	-107 KIPS	0.24
	187.364				80#	0#		80#	0#			98	GONDOLA	-153 KIPS	-156 KIPS	0.30
	187.351				80#	0#		80#	0#			99	GM10B	-156 KIPS	-69 KIPS	0.36
	188.180	0	23	RUN 6	558	REL	REL	80#	0#	-157.99	.38:99	100	GM6C	-69 KIPS	0 KIPS	0.25
0:16:40	188.168				80#	0#		80#	0#			1	SD40	0 KIPS	35 KIPS	0.12
	188.155				80#	0#		80#	0#			2	SD40	35 KIPS	70 KIPS	0.13
	188.011				80#	0#		80#	0#			3	GONDOLA	70 KIPS	68 KIPS	0.10
	187.868				80#	0#		80#	0#			22	GONDOLA	28 KIPS	24 KIPS	0.09
	187.724				80#	0#		80#	0#			41	GONDOLA	-26 KIPS	-28 KIPS	0.03
	187.580				80#	0#		80#	0#			60	GONDOLA	-68 KIPS	-70 KIPS	0.19
	187.436				80#	0#		80#	0#			78	GONDOLA	-115 KIPS	-117 KIPS	0.25
	187.428				80#	0#		80#	0#			98	GONDOLA	-154 KIPS	-157 KIPS	0.31
	187.415				80#	0#		80#	0#			99	GM10B	-157 KIPS	-69 KIPS	0.38
	187.415				80#	0#		80#	0#			100	GM6C	-69 KIPS	0 KIPS	0.28
-----> TRAIN ENTERING 0.00 DEGREE CURVE																

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 552	REL	BRAKES TRN IND PIPE	SETTING CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
												DRAMBAR FORCES FORE	AFT	
0:18:50	188.245	0	23	RUN	6	552	REL	REL	80# 0#	1	SD40	0 KIPS	35 KIPS	0.12
	188.232								80# 0#	2	SD40	35 KIPS	69 KIPS	0.15
	188.220								80# 0#	3	GONDOLA	69 KIPS	67 KIPS	0.14
	188.078								80# 0#	22	GONDOLA	15 KIPS	14 KIPS	0.09
HELPERS	187.932								80# 0#	41	GONDOLA	-37 KIPS	-39 KIPS	0.04
	187.788								80# 0#	60	GONDOLA	-74 KIPS	-76 KIPS	0.20
	187.644								80# 0#	79	GONDOLA	-119 KIPS	-121 KIPS	0.25
	187.500								80# 0#	98	GONDOLA	-161 KIPS	-161 KIPS	0.38
0:17:0	187.493								80# 0#	99	GM108	-161 KIPS	-70 KIPS	0.29
	187.480								80# 0#	100	GM6C	-70 KIPS	0 KIPS	0.17
	188.310	0	23	RUN	6	552	REL	REL	80# 0#	1	SD40	0 KIPS	35 KIPS	0.00
	188.298								80# 0#	2	SD40	35 KIPS	71 KIPS	0.05
HELPERS	188.285								80# 0#	3	GONDOLA	71 KIPS	69 KIPS	0.12
	188.141								80# 0#	22	GONDOLA	24 KIPS	21 KIPS	0.08
	187.997								80# 0#	41	GONDOLA	-35 KIPS	-37 KIPS	0.10
	187.853								80# 0#	60	GONDOLA	-72 KIPS	-74 KIPS	0.08
0:17:10	187.709								80# 0#	79	GONDOLA	-118 KIPS	-120 KIPS	0.25
	187.568								80# 0#	98	GONDOLA	-163 KIPS	-164 KIPS	0.32
	187.558								80# 0#	99	GM108	-164 KIPS	-73 KIPS	0.29
	187.545								80# 0#	100	GM6C	-73 KIPS	0 KIPS	0.22
HELPERS	188.375	0	24	RUN	6	551	REL	REL	80# 0#	1	SD40	0 KIPS	35 KIPS	0.00
	188.363								80# 0#	2	SD40	35 KIPS	71 KIPS	0.00
	188.350								80# 0#	3	GONDOLA	71 KIPS	68 KIPS	0.00
	188.207								80# 0#	22	GONDOLA	24 KIPS	21 KIPS	0.08
HELPERS	188.063								80# 0#	41	GONDOLA	-36 KIPS	-39 KIPS	0.12
	187.919								80# 0#	60	GONDOLA	-77 KIPS	-78 KIPS	0.09
	187.775								80# 0#	79	GONDOLA	-112 KIPS	-115 KIPS	0.25
	187.631								80# 0#	98	GONDOLA	-156 KIPS	-159 KIPS	0.31
0:17:20	187.623								80# 0#	99	GM108	-159 KIPS	-70 KIPS	0.25
	187.610								80# 0#	100	GM6C	-70 KIPS	0 KIPS	0.16
	188.441	0	24	RUN	6	549	REL	REL	80# 0#	1	SD40	0 KIPS	35 KIPS	0.00
	188.428								80# 0#	2	SD40	35 KIPS	70 KIPS	0.00
HELPERS	188.416								80# 0#	3	GONDOLA	70 KIPS	68 KIPS	0.00
	188.272								80# 0#	22	GONDOLA	27 KIPS	24 KIPS	0.10
	188.128								80# 0#	41	GONDOLA	-35 KIPS	-38 KIPS	0.12
	187.984								80# 0#	60	GONDOLA	-79 KIPS	-81 KIPS	0.18
HELPERS	187.840								80# 0#	79	GONDOLA	-114 KIPS	-116 KIPS	0.23
	187.698								80# 0#	98	GONDOLA	-156 KIPS	-159 KIPS	0.31
	187.688								80# 0#	99	GM108	-159 KIPS	-70 KIPS	0.25
	187.676								80# 0#	100	GM6C	-70 KIPS	0 KIPS	0.16

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE KIPS	MAXIMUMS (AND LOCATION) L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
O:17:30	188.508	0	24 RUN 8	550 REL	REL	80#	0#	-158.99	1	SD40	0 KIPS	35 KIPS	0.00
	188.494					80#	0#		2	SD40	35 KIPS	70 KIPS	0.00
	188.481					80#	0#		3	GONDOLA	70 KIPS	68 KIPS	0.00
	188.337					80#	0#		22	GONDOLA	28 KIPS	28 KIPS	0.00
	188.184					80#	0#		41	GONDOLA	-24 KIPS	-28 KIPS	0.10
HELPERS	188.050					80#	0#		60	GONDOLA	-77 KIPS	-80 KIPS	0.19
	187.908					80#	0#		79	GONDOLA	-118 KIPS	-120 KIPS	0.13
	187.782					80#	0#		88	GONDOLA	-158 KIPS	-158 KIPS	0.31
	187.754					80#	0#		99	GM10B	-70 KIPS	-70 KIPS	0.25
	187.741					80#	0#		100	GM6C	0 KIPS	0 KIPS	0.16
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
O:17:40	188.572	0	24 RUN 8	548 REL	REL	80#	0#	-160.99	1	SD40	0 KIPS	35 KIPS	0.15
	188.558					80#	0#		2	SD40	35 KIPS	70 KIPS	0.15
	188.547					80#	0#		3	GONDOLA	70 KIPS	67 KIPS	0.11
	188.403					80#	0#		22	GONDOLA	24 KIPS	22 KIPS	0.00
	188.258					80#	0#		41	GONDOLA	-28 KIPS	-30 KIPS	0.10
HELPERS	188.115					80#	0#		60	GONDOLA	-78 KIPS	-81 KIPS	0.19
	187.971					80#	0#		79	GONDOLA	-123 KIPS	-125 KIPS	0.14
	187.827					80#	0#		98	GONDOLA	-158 KIPS	-160 KIPS	0.31
	187.807					80#	0#		99	GM10B	-70 KIPS	-70 KIPS	0.28
	188.637	0	24 RUN 8	548 REL	REL	80#	0#	-159.99	100	GM6C	0 KIPS	0 KIPS	0.16
O:17:50	188.625					80#	0#		1	SD40	0 KIPS	35 KIPS	0.12
	188.613					80#	0#		2	SD40	35 KIPS	69 KIPS	0.13
	188.469					80#	0#		3	GONDOLA	69 KIPS	67 KIPS	0.10
	188.325					80#	0#		22	GONDOLA	25 KIPS	23 KIPS	0.00
	188.181					80#	0#		41	GONDOLA	-27 KIPS	-30 KIPS	0.03
HELPERS	188.037					80#	0#		60	GONDOLA	-78 KIPS	-79 KIPS	0.19
	187.893					80#	0#		79	GONDOLA	-123 KIPS	-125 KIPS	0.24
	187.885					80#	0#		98	GONDOLA	-158 KIPS	-159 KIPS	0.27
	187.872					80#	0#		99	GM10B	-70 KIPS	-70 KIPS	0.26
	187.872					80#	0#		100	GM6C	-70 KIPS	0 KIPS	0.16
-----> TRAIN ENTERING 0.71 % GRADE													
O:18:0	188.703	0	24 RUN 8	551 REL	REL	80#	0#	-160.99	1	SD40	0 KIPS	35 KIPS	0.12
	188.690					80#	0#		2	SD40	35 KIPS	70 KIPS	0.13
	188.678					80#	0#		3	GONDOLA	70 KIPS	68 KIPS	0.10
	188.534					80#	0#		22	GONDOLA	25 KIPS	23 KIPS	0.10
	188.390					80#	0#		41	GONDOLA	-28 KIPS	-28 KIPS	0.03
HELPERS	188.246					80#	0#		60	GONDOLA	-67 KIPS	-70 KIPS	0.18
	188.102					80#	0#		79	GONDOLA	-117 KIPS	-120 KIPS	0.23
	187.958					80#	0#		88	GONDOLA	-158 KIPS	-160 KIPS	0.27
	187.951					80#	0#		99	GM10B	-71 KIPS	-71 KIPS	0.28
	187.938					80#	0#		100	GM6C	-71 KIPS	0 KIPS	0.16

STATION TIME	MP	SPEED LMT RUN	THITLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
										DRAMBAR FORE	FORCES AFT					
0:18:10	188.768	0	23	RUN	8	551	REL REL	80#	0#	-180:99	.39:99	1	SD40	0 KIPS	35 KIPS	0.12
	188.758							80#	0#			2	SD40	35 KIPS	71 KIPS	0.13
	188.743							80#	0#			3	GONDOLA	71 KIPS	68 KIPS	0.10
	188.599							80#	0#			22	GONDOLA	26 KIPS	23 KIPS	0.09
	188.455							80#	0#			41	GONDOLA	-26 KIPS	-28 KIPS	0.03
	188.312							80#	0#			60	GONDOLA	-67 KIPS	-69 KIPS	0.08
	188.168							80#	0#			79	GONDOLA	-115 KIPS	-117 KIPS	0.23
	188.024							80#	0#			98	GONDOLA	-158 KIPS	-160 KIPS	0.33
	188.018							80#	0#			99	GM108	-180 KIPS	-71 KIPS	0.39
	188.003							80#	0#			100	GM6C	-71 KIPS	0 KIPS	0.27
0:18:20	188.833	0	23	RUN	8	555	REL REL	80#	0#	-158:99	.39:99	1	SD40	0 KIPS	38 KIPS	0.12
	188.820							80#	0#			2	SD40	38 KIPS	71 KIPS	0.13
	188.808							80#	0#			3	GONDOLA	71 KIPS	69 KIPS	0.10
	188.684							80#	0#			22	GONDOLA	30 KIPS	28 KIPS	0.10
	188.520							80#	0#			41	GONDOLA	-21 KIPS	-23 KIPS	0.10
	188.376							80#	0#			60	GONDOLA	-63 KIPS	-65 KIPS	0.07
	188.232							80#	0#			79	GONDOLA	-107 KIPS	-109 KIPS	0.23
	188.088							80#	0#			98	GONDOLA	-156 KIPS	-158 KIPS	0.33
	188.081							80#	0#			99	GM108	-188 KIPS	-89 KIPS	0.39
	188.068							80#	0#			100	GM6C	-89 KIPS	0 KIPS	0.27
0:18:30	188.897	0	23	RUN	8	557	REL REL	80#	0#	-157:99	.39:99	1	SD40	0 KIPS	36 KIPS	0.12
	188.885							80#	0#			2	SD40	36 KIPS	71 KIPS	0.13
	188.873							80#	0#			3	GONDOLA	71 KIPS	69 KIPS	0.10
	188.729							80#	0#			22	GONDOLA	28 KIPS	26 KIPS	0.10
	188.585							80#	0#			41	GONDOLA	-21 KIPS	-23 KIPS	0.10
	188.441							80#	0#			60	GONDOLA	-65 KIPS	-67 KIPS	0.08
	188.297							80#	0#			79	GONDOLA	-107 KIPS	-110 KIPS	0.12
	188.153							80#	0#			98	GONDOLA	-154 KIPS	-157 KIPS	0.33
	188.145							80#	0#			99	GM108	-157 KIPS	-88 KIPS	0.39
	188.132							80#	0#			100	GM6C	-88 KIPS	0 KIPS	0.27
0:18:40	188.962	0	23	RUN	8	558	REL REL	80#	0#	-157:99	.39:99	1	SD40	0 KIPS	36 KIPS	0.12
	188.949							80#	0#			2	SD40	36 KIPS	72 KIPS	0.13
	188.937							80#	0#			3	GONDOLA	72 KIPS	69 KIPS	0.10
	188.793							80#	0#			22	GONDOLA	28 KIPS	26 KIPS	0.10
	188.649							80#	0#			41	GONDOLA	-18 KIPS	-22 KIPS	0.10
	188.505							80#	0#			60	GONDOLA	-67 KIPS	-69 KIPS	0.08
	188.361							80#	0#			79	GONDOLA	-110 KIPS	-112 KIPS	0.12
	188.217							80#	0#			98	GONDOLA	-154 KIPS	-157 KIPS	0.33
	188.210							80#	0#			99	GM108	-157 KIPS	-89 KIPS	0.39
	188.197							80#	0#			100	GM6C	-89 KIPS	0 KIPS	0.27

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE CYL	BRAKES MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
O: 18:50	189.028	0	23	RUN	6	559	REL REL	80#	0#	0 KIPS	36 KIPS	0.12
	189.013							80#	0#	36 KIPS	73 KIPS	0.15
	189.001							80#	0#	73 KIPS	71 KIPS	0.14
	188.857							80#	0#	29 KIPS	26 KIPS	0.09
	188.713							80#	0#	-17 KIPS	-19 KIPS	0.10
	188.569							80#	0#	-67 KIPS	-70 KIPS	0.17
	188.425							80#	0#	-112 KIPS	-114 KIPS	0.13
	188.281							80#	0#	-156 KIPS	-158 KIPS	0.34
	188.274							80#	0#	-158 KIPS	-69 KIPS	0.39
	188.261							80#	0#	-69 KIPS	0 KIPS	0.29
HELPERS	188.090	0	23	RUN	6	558	REL REL	80#	0#	0 KIPS	36 KIPS	0.00
	189.077							80#	0#	36 KIPS	73 KIPS	0.00
	189.065							80#	0#	73 KIPS	71 KIPS	0.00
	188.921							80#	0#	31 KIPS	29 KIPS	0.10
	188.777							80#	0#	-18 KIPS	-19 KIPS	0.10
	188.633							80#	0#	-65 KIPS	-68 KIPS	0.17
	188.469							80#	0#	-112 KIPS	-114 KIPS	0.13
	188.345							80#	0#	-156 KIPS	-158 KIPS	0.26
	188.338							80#	0#	-158 KIPS	-70 KIPS	0.26
	188.325							80#	0#	-70 KIPS	0 KIPS	0.16
-----> TRAIN ENTERING 4.00 DEGREE CURVE												
O: 19:10	189.154	0	23	RUN	6	559	REL REL	80#	0#	0 KIPS	36 KIPS	0.15
	189.141							80#	0#	36 KIPS	73 KIPS	0.12
	189.128							80#	0#	73 KIPS	71 KIPS	0.02
	188.985							80#	0#	35 KIPS	33 KIPS	0.10
	188.841							80#	0#	-13 KIPS	-16 KIPS	0.10
	188.697							80#	0#	-60 KIPS	-63 KIPS	0.16
	188.553							80#	0#	-111 KIPS	-113 KIPS	0.22
	188.409							80#	0#	-158 KIPS	-158 KIPS	0.26
	188.402							80#	0#	-158 KIPS	-70 KIPS	0.26
	188.389							80#	0#	-70 KIPS	0 KIPS	0.16
HELPERS	189.218	0	23	RUN	6	559	REL REL	80#	0#	0 KIPS	36 KIPS	0.11
	189.205							80#	0#	36 KIPS	72 KIPS	0.18
	189.193							80#	0#	72 KIPS	70 KIPS	0.17
	189.049							80#	0#	35 KIPS	33 KIPS	0.00
	188.905							80#	0#	-14 KIPS	-17 KIPS	0.10
	188.761							80#	0#	-60 KIPS	-62 KIPS	0.16
	188.617							80#	0#	-108 KIPS	-112 KIPS	0.22
	188.473							80#	0#	-157 KIPS	-159 KIPS	0.26
	188.468							80#	0#	-159 KIPS	-70 KIPS	0.26
	188.453							80#	0#	-70 KIPS	0 KIPS	0.16

STATION TIME	MP	SPEED LMT RUN	THITLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										FORWARD FORCES	REAR FORCES	
0:19:30	189.282	0	23	RUN	8	558	REL REL	80#	0#	0#	0#	0.11
	189.270							80#	0#	0#	0#	0.15
	189.257							80#	0#	0#	0#	0.17
	189.113							80#	0#	0#	0#	0.00
	188.868							80#	0#	0#	0#	0.10
	188.825							80#	0#	0#	0#	0.16
	188.682							80#	0#	0#	0#	0.22
	188.538							80#	0#	0#	0#	0.28
	188.530							80#	0#	0#	0#	0.33
	188.517							80#	0#	0#	0#	0.16
-----> TRAIN ENTERING 1.07 % GRADE												
0:19:40	189.346	0	23	RUN	8	560	REL REL	80#	0#	0#	0#	0.11
	189.334							80#	0#	0#	0#	0.15
	189.321							80#	0#	0#	0#	0.17
	189.177							80#	0#	0#	0#	0.09
	189.034							80#	0#	0#	0#	0.10
	188.890							80#	0#	0#	0#	0.16
	188.748							80#	0#	0#	0#	0.22
	188.602							80#	0#	0#	0#	0.33
	188.594							80#	0#	0#	0#	0.39
	188.581							80#	0#	0#	0#	0.27
0:19:50	189.410	0	23	RUN	8	559	REL REL	80#	0#	0#	0#	0.11
	189.398							80#	0#	0#	0#	0.15
	189.385							80#	0#	0#	0#	0.17
	189.242							80#	0#	0#	0#	0.09
	189.088							80#	0#	0#	0#	0.08
	188.954							80#	0#	0#	0#	0.18
	188.810							80#	0#	0#	0#	0.23
	188.668							80#	0#	0#	0#	0.33
	188.658							80#	0#	0#	0#	0.39
	188.645							80#	0#	0#	0#	0.27
0:20:00	189.474	0	23	RUN	8	561	REL REL	80#	0#	0#	0#	0.11
	189.462							80#	0#	0#	0#	0.15
	189.449							80#	0#	0#	0#	0.17
	189.305							80#	0#	0#	0#	0.09
	189.161							80#	0#	0#	0#	0.12
	189.018							80#	0#	0#	0#	0.18
	188.874							80#	0#	0#	0#	0.23
	188.730							80#	0#	0#	0#	0.33
	188.722							80#	0#	0#	0#	0.39
	188.709							80#	0#	0#	0#	0.27
-----> TRAIN ENTERING 0.00 DEGREE CURVE												

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS 564	REL	REL	REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:20:10	189.537	0	23	564	REL	REL	REL	80# 0#	1	SD40	0 KIPS	35 KIPS	0.11
	189.525							80# 0#	2	SD40	35 KIPS	71 KIPS	0.15
	189.513							80# 0#	3	GONDOLA	71 KIPS	68 KIPS	0.17
	189.389							80# 0#	22	GONDOLA	16 KIPS	13 KIPS	0.09
	189.225							80# 0#	41	GONDOLA	-47 KIPS	-50 KIPS	0.15
	189.061							80# 0#	60	GONDOLA	-84 KIPS	-88 KIPS	0.10
	188.937							80# 0#	79	GONDOLA	-119 KIPS	-121 KIPS	0.23
	188.793							80# 0#	88	GONDOLA	-159 KIPS	-161 KIPS	0.33
	188.788							80# 0#	100	GM10B	-71 KIPS	-71 KIPS	0.40
	188.772							80# 0#	1	GMSC	0 KIPS	0 KIPS	0.28
0:20:20	189.800	0	23	567	REL	REL	REL	80# 0#	1	SD40	38 KIPS	73 KIPS	0.02
	189.588							80# 0#	2	SD40	73 KIPS	71 KIPS	0.15
	189.578							80# 0#	3	GONDOLA	22 KIPS	19 KIPS	0.12
	189.432							80# 0#	22	GONDOLA	-48 KIPS	-51 KIPS	0.09
	189.288							80# 0#	41	GONDOLA	-88 KIPS	-88 KIPS	0.15
	189.144							80# 0#	60	GONDOLA	-119 KIPS	-122 KIPS	0.21
	189.000							80# 0#	79	GONDOLA	-159 KIPS	-161 KIPS	0.25
	188.858							80# 0#	98	GONDOLA	-72 KIPS	-72 KIPS	0.33
	188.849							80# 0#	99	GM10B	0 KIPS	0 KIPS	0.40
	188.835							80# 0#	100	GMSC	0 KIPS	0 KIPS	0.27
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
0:20:30	189.863	0	22	573	REL	REL	REL	80# 0#	1	SD40	0 KIPS	37 KIPS	0.15
	189.851							80# 0#	2	SD40	37 KIPS	73 KIPS	0.12
	189.638							80# 0#	3	GONDOLA	73 KIPS	71 KIPS	0.02
	189.494							80# 0#	22	GONDOLA	23 KIPS	20 KIPS	0.09
	189.380							80# 0#	41	GONDOLA	-45 KIPS	-45 KIPS	0.14
	189.208							80# 0#	60	GONDOLA	-89 KIPS	-91 KIPS	0.21
	188.062							80# 0#	79	GONDOLA	-125 KIPS	-128 KIPS	0.14
	188.919							80# 0#	98	GONDOLA	-160 KIPS	-162 KIPS	0.34
	188.911							80# 0#	99	GM10B	-72 KIPS	-72 KIPS	0.40
	188.898							80# 0#	100	GMSC	0 KIPS	0 KIPS	0.28
0:20:40	189.725	0	22	578	REL	REL	REL	80# 0#	1	SD40	0 KIPS	37 KIPS	0.12
	189.712							80# 0#	2	SD40	37 KIPS	73 KIPS	0.15
	189.700							80# 0#	3	GONDOLA	73 KIPS	70 KIPS	0.15
	189.598							80# 0#	22	GONDOLA	24 KIPS	21 KIPS	0.10
	189.412							80# 0#	41	GONDOLA	-41 KIPS	-44 KIPS	0.14
	189.268							80# 0#	60	GONDOLA	-91 KIPS	-93 KIPS	0.21
	189.124							80# 0#	78	GONDOLA	-128 KIPS	-130 KIPS	0.14
	188.980							80# 0#	98	GONDOLA	-160 KIPS	-162 KIPS	0.35
	188.973							80# 0#	99	GM10B	-72 KIPS	-72 KIPS	0.40
	188.960							80# 0#	100	GMSC	0 KIPS	0 KIPS	0.28

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	BRAKES PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:20:50	189.788	0	22	RUN	6	588	REL	REL	1	SD40	0 KIPS	37 KIPS	0.12
	189.773								2	SD40	37 KIPS	75 KIPS	0.13
	189.761								3	GONDOLA	75 KIPS	72 KIPS	0.10
	189.617								22	GONDOLA	25 KIPS	22 KIPS	0.00
	189.473								41	GONDOLA	-30 KIPS	-33 KIPS	0.11
	189.328								60	GONDOLA	-87 KIPS	-90 KIPS	0.20
	189.185								79	GONDOLA	-130 KIPS	-132 KIPS	0.28
	189.041								98	GONDOLA	-183 KIPS	-184 KIPS	0.33
HELPERS	189.034								99	GM108	-184 KIPS	-73 KIPS	0.38
	189.021								100	GM6C	-73 KIPS	0 KIPS	0.30
0:21:0	189.846	0	21	RUN	6	593	REL	REL	1	SD40	0 KIPS	38 KIPS	0.12
	189.833								2	SD40	38 KIPS	78 KIPS	0.13
	189.821								3	GONDOLA	78 KIPS	73 KIPS	0.10
	189.677								22	GONDOLA	21 KIPS	18 KIPS	0.10
	189.533								41	GONDOLA	-31 KIPS	-34 KIPS	0.11
	189.389								60	GONDOLA	-85 KIPS	-88 KIPS	0.20
	189.245								79	GONDOLA	-130 KIPS	-132 KIPS	0.25
	189.101								98	GONDOLA	-164 KIPS	-165 KIPS	0.27
HELPERS	189.094								99	GM108	-165 KIPS	-74 KIPS	0.27
	189.081								100	GM6C	-74 KIPS	0 KIPS	0.17
0:21:10	189.904	0	21	RUN	6	605	REL	REL	1	SD40	0 KIPS	39 KIPS	0.12
	189.892								2	SD40	39 KIPS	79 KIPS	0.14
	189.880								3	GONDOLA	79 KIPS	76 KIPS	0.10
	189.738								22	GONDOLA	29 KIPS	26 KIPS	0.10
	189.592								41	GONDOLA	-28 KIPS	-29 KIPS	0.03
	189.448								60	GONDOLA	-79 KIPS	-82 KIPS	0.19
	189.304								79	GONDOLA	-129 KIPS	-131 KIPS	0.25
	189.160								98	GONDOLA	-163 KIPS	-165 KIPS	0.31
HELPERS	189.152								99	GM108	-165 KIPS	-74 KIPS	0.29
	189.139								100	GM6C	-74 KIPS	0 KIPS	0.22
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0:21:20	189.962	0	20	RUN	6	918	REL	REL	1	SD40	0 KIPS	41 KIPS	0.12
	189.950								2	SD40	41 KIPS	82 KIPS	0.15
	189.937								3	GONDOLA	82 KIPS	79 KIPS	0.13
	189.793								22	GONDOLA	29 KIPS	26 KIPS	0.10
	189.649								41	GONDOLA	-24 KIPS	-27 KIPS	0.09
	189.505								60	GONDOLA	-71 KIPS	-74 KIPS	0.18
	189.361								79	GONDOLA	-124 KIPS	-127 KIPS	0.24
	189.218								98	GONDOLA	-164 KIPS	-166 KIPS	0.31
HELPERS	189.210								99	GM108	-166 KIPS	-74 KIPS	0.25
	189.197								100	GM6C	-74 KIPS	0 KIPS	0.17
-----> TRAIN ENTERING 4.00 DEGREE CURVE													

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE KIPS	MAXIMUMS (AND LOCATION) L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	AFT	
0:21:30	190.018	0	20	631	REL	REL	80#	0#	1	SD40	0 KIPS	42 KIPS	0.15
	190.008						80#	0#	2	SD40	42 KIPS	84 KIPS	0.07
	189.993						80#	0#	3	GONDOLA	84 KIPS	82 KIPS	0.01
	189.849						80#	0#	22	GONDOLA	37 KIPS	34 KIPS	0.10
	189.706						80#	0#	41	GONDOLA	-24 KIPS	-27 KIPS	0.10
HELPERS	189.582						80#	0#	60	GONDOLA	-69 KIPS	-71 KIPS	0.18
	189.418						80#	0#	79	GONDOLA	-119 KIPS	-122 KIPS	0.24
	189.274						80#	0#	98	GONDOLA	-168 KIPS	-167 KIPS	0.31
	189.268						80#	0#	99	GONDOLA	-167 KIPS	-75 KIPS	0.25
	189.253						80#	0#	100	GM10B	-75 KIPS	0 KIPS	0.17
0:21:40	190.073	0	19	648	REL	REL	80#	0#	1	SD40	0 KIPS	43 KIPS	0.12
	190.060						80#	0#	2	SD40	43 KIPS	87 KIPS	0.17
	190.048						80#	0#	3	GONDOLA	87 KIPS	84 KIPS	0.13
	189.904						80#	0#	22	GONDOLA	44 KIPS	42 KIPS	0.10
	189.760						80#	0#	41	GONDOLA	-14 KIPS	-17 KIPS	0.10
HELPERS	189.616						80#	0#	60	GONDOLA	-62 KIPS	-64 KIPS	0.07
	189.472						80#	0#	79	GONDOLA	-112 KIPS	-115 KIPS	0.23
	189.328						80#	0#	98	GONDOLA	-165 KIPS	-168 KIPS	0.31
	189.321						80#	0#	99	GONDOLA	-168 KIPS	-75 KIPS	0.25
	189.308						80#	0#	100	GM10B	-75 KIPS	0 KIPS	0.18
0:21:50	190.128	0	19	675	REL	REL	80#	0#	1	SD40	0 KIPS	45 KIPS	0.12
	190.113						80#	0#	2	SD40	45 KIPS	91 KIPS	0.14
	190.101						80#	0#	3	GONDOLA	91 KIPS	88 KIPS	0.10
	189.957						80#	0#	22	GONDOLA	49 KIPS	47 KIPS	0.10
	189.813						80#	0#	41	GONDOLA	-37 KIPS	-28 KIPS	0.10
HELPERS	189.669						80#	0#	60	GONDOLA	-84 KIPS	-87 KIPS	0.16
	189.525						80#	0#	79	GONDOLA	-111 KIPS	-113 KIPS	0.22
	189.381						80#	0#	98	GONDOLA	-164 KIPS	-166 KIPS	0.31
	189.374						80#	0#	99	GM10B	-168 KIPS	-75 KIPS	0.25
	189.361						80#	0#	100	GM10B	-75 KIPS	0 KIPS	0.18
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0:22:0	190.177	0	18	680	REL	REL	80#	0#	1	SD40	0 KIPS	48 KIPS	0.12
	190.165						80#	0#	2	SD40	48 KIPS	92 KIPS	0.15
	190.153						80#	0#	3	GONDOLA	92 KIPS	90 KIPS	0.14
	190.009						80#	0#	22	GONDOLA	40 KIPS	38 KIPS	0.10
	189.865						80#	0#	41	GONDOLA	-23 KIPS	-28 KIPS	0.10
HELPERS	189.721						80#	0#	60	GONDOLA	-72 KIPS	-75 KIPS	0.17
	189.577						80#	0#	79	GONDOLA	-117 KIPS	-119 KIPS	0.21
	189.433						80#	0#	98	GONDOLA	-165 KIPS	-168 KIPS	0.31
	189.425						80#	0#	99	GM10B	-168 KIPS	-78 KIPS	0.25
	189.412						80#	0#	100	GM10B	-76 KIPS	0 KIPS	0.18

STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING TRN	IND PIPE	CYL	KIPS:CAR	L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
												FORE	AFT	
0:22:10	190.228	0	18	RUN 6	701	REL	REL	80#	0#	1	SD40	0 KIPS	48 KIPS	0.00
	190.216							80#	0#	2	SD40	48 KIPS	97 KIPS	0.00
	190.203							80#	0#	3	GONDOLA	97 KIPS	94 KIPS	0.00
	190.058							80#	0#	22	GONDOLA	51 KIPS	48 KIPS	0.10
	189.815							80#	0#	41	GONDOLA	18 KIPS	-15 KIPS	0.10
	189.771							80#	0#	60	GONDOLA	-65 KIPS	-88 KIPS	0.18
	189.628							80#	0#	79	GONDOLA	-114 KIPS	-117 KIPS	0.13
	189.484							80#	0#	98	GONDOLA	-165 KIPS	-167 KIPS	0.31
HELPERS	189.476			RUN 6	1204	REL	REL	80#	0#	99	GM10B	-167 KIPS	-76 KIPS	0.25
	189.463							80#	0#	100	GM8C	0 KIPS	0 KIPS	0.19
0:22:20	190.277	0	18	RUN 6	713	REL	REL	80#	0#	1	SD40	49 KIPS	97 KIPS	0.00
	190.265							80#	0#	2	SD40	97 KIPS	95 KIPS	0.00
	190.253							80#	0#	3	GONDOLA	50 KIPS	47 KIPS	0.10
	190.109							80#	0#	22	GONDOLA	-17 KIPS	-15 KIPS	0.10
	189.985							80#	0#	41	GONDOLA	-65 KIPS	-87 KIPS	0.15
	189.821							80#	0#	60	GONDOLA	-118 KIPS	-121 KIPS	0.23
	189.677							80#	0#	79	GONDOLA	-165 KIPS	-168 KIPS	0.31
HELPERS	189.533			RUN 6	1208	REL	REL	80#	0#	98	GM10B	-168 KIPS	-76 KIPS	0.25
	189.528							80#	0#	99	GM8C	0 KIPS	0 KIPS	0.19
	189.512							80#	0#	100				
PS L. JEAN														
0:22:25	190.300	0	18	RUN 6	716	REL	REL	80#	0#	1	SD40	49 KIPS	98 KIPS	0.00
	190.288							80#	0#	2	SD40	98 KIPS	98 KIPS	0.00
	190.275							80#	0#	3	GONDOLA	48 KIPS	45 KIPS	0.10
	190.131							80#	0#	22	GONDOLA	-12 KIPS	-15 KIPS	0.02
	189.987							80#	0#	41	GONDOLA	-64 KIPS	-87 KIPS	0.15
	189.844							80#	0#	60	GONDOLA	-118 KIPS	-120 KIPS	0.23
	189.700							80#	0#	79	GONDOLA	-167 KIPS	-169 KIPS	0.28
	189.556							80#	0#	98	GONDOLA	-169 KIPS	-77 KIPS	0.28
HELPERS	189.548			RUN 6	1207	REL	REL	80#	0#	99	GM10B	-77 KIPS	0 KIPS	0.18
	189.535							80#	0#	100	GM8C	0 KIPS	0 KIPS	0.18
-----> TRAIN ENTERING 0.00 % GRADE														
0:22:30	190.328	0	17	RUN 6	722	REL	REL	80#	0#	1	SD40	54 KIPS	107 KIPS	0.00
	190.314							80#	0#	2	SD40	107 KIPS	105 KIPS	0.00
	190.301							80#	0#	3	GONDOLA	57 KIPS	54 KIPS	0.10
	190.158							80#	0#	22	GONDOLA	-11 KIPS	-11 KIPS	0.09
	190.014							80#	0#	41	GONDOLA	-40 KIPS	-63 KIPS	0.14
	189.870							80#	0#	60	GONDOLA	-118 KIPS	-119 KIPS	0.23
	189.728							80#	0#	79	GONDOLA	-167 KIPS	-170 KIPS	0.28
	189.582							80#	0#	98	GONDOLA	-170 KIPS	-78 KIPS	0.28
HELPERS	189.574			RUN 6	1207	REL	REL	80#	0#	99	GM10B	-78 KIPS	0 KIPS	0.18
	189.561							80#	0#	100	GM8C	0 KIPS	0 KIPS	0.18

STATION TIME	MP	SPEED LMT RUN	THRTLE AMP'S	SETTING TRN	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
					IND PIPE	PRESSURE CYL				DRUMBAR FORCES FORE	AFT					
0:22:40	190.374	0	17	RUN 6	730	REL	REL	80#	0#	-169:99	.28:98	1	SD40	0 KIPS	54 KIPS	0.00
	190.362							80#	0#			2	SD40	54 KIPS	108 KIPS	0.00
	190.349							80#	0#			3	GONDOLA	108 KIPS	108 KIPS	0.00
	190.208							80#	0#			22	GONDOLA	72 KIPS	69 KIPS	0.00
	190.082							80#	0#			41	GONDOLA	15 KIPS	13 KIPS	0.10
	189.918							80#	0#			60	GONDOLA	-54 KIPS	-57 KIPS	0.13
	189.774							80#	0#			79	GONDOLA	-111 KIPS	-115 KIPS	0.22
	189.630							80#	0#			98	GONDOLA	-167 KIPS	-169 KIPS	0.28
	HELPERS	189.622						80#	0#			99	GM10B	-169 KIPS	-78 KIPS	0.28
		189.609						80#	0#			100	GM6C	-78 KIPS	0 KIPS	0.18
0:22:50	190.422	0	17	RUN 6	730	REL	REL	80#	0#	-169:99	.40:99	1	SD40	0 KIPS	54 KIPS	0.00
	190.410							80#	0#			2	SD40	54 KIPS	108 KIPS	0.00
	190.397							80#	0#			3	GONDOLA	108 KIPS	108 KIPS	0.00
	190.253							80#	0#			22	GONDOLA	84 KIPS	81 KIPS	0.00
	190.109							80#	0#			41	GONDOLA	25 KIPS	22 KIPS	0.10
	189.965							80#	0#			60	GONDOLA	-42 KIPS	-45 KIPS	0.12
	189.822							80#	0#			79	GONDOLA	-104 KIPS	-107 KIPS	0.21
	HELPERS	189.678						80#	0#			98	GONDOLA	-165 KIPS	-169 KIPS	0.35
		189.670						80#	0#			99	GM10B	-169 KIPS	-78 KIPS	0.40
		189.857						80#	0#			100	GM6C	-78 KIPS	0 KIPS	0.28
0:23: 0	190.470	0	17	RUN 6	725	REL	REL	80#	0#	-167:99	.40:99	1	SD40	0 KIPS	54 KIPS	0.00
	190.458							80#	0#			2	SD40	54 KIPS	108 KIPS	0.00
	190.445							80#	0#			3	GONDOLA	108 KIPS	107 KIPS	0.00
	190.301							80#	0#			22	GONDOLA	97 KIPS	94 KIPS	0.00
	190.157							80#	0#			41	GONDOLA	38 KIPS	35 KIPS	0.10
	190.013							80#	0#			60	GONDOLA	-38 KIPS	-39 KIPS	0.10
	189.870							80#	0#			79	GONDOLA	-98 KIPS	-102 KIPS	0.21
	HELPERS	189.728						80#	0#			98	GONDOLA	-164 KIPS	-167 KIPS	0.35
		189.718						80#	0#			99	GM10B	-167 KIPS	-77 KIPS	0.40
		189.705						80#	0#			100	GM6C	-77 KIPS	0 KIPS	0.28
0:23:10	190.519	0	18	RUN 6	714	REL	REL	80#	0#	-167:99	.40:99	1	SD40	0 KIPS	53 KIPS	0.00
	190.508							80#	0#			2	SD40	53 KIPS	108 KIPS	0.00
	190.494							80#	0#			3	GONDOLA	108 KIPS	108 KIPS	0.00
	190.350							80#	0#			22	GONDOLA	98 KIPS	97 KIPS	0.00
	190.208							80#	0#			41	GONDOLA	44 KIPS	41 KIPS	0.00
	190.062							80#	0#			60	GONDOLA	-29 KIPS	-32 KIPS	0.11
	189.918							80#	0#			79	GONDOLA	-93 KIPS	-97 KIPS	0.20
	HELPERS	189.774						80#	0#			98	GONDOLA	-163 KIPS	-167 KIPS	0.35
		189.767						80#	0#			99	GM10B	-167 KIPS	-78 KIPS	0.40
		189.754						80#	0#			100	GM6C	-76 KIPS	0 KIPS	0.28

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	AFT	
0:23:20	190.568	0	18	RUN	6	697	REL	REL	80#	0#	0#	0#	0.00
	190.556								80#	0#	0#	0#	0.00
	190.544								80#	0#	0#	0#	0.00
	190.400								80#	0#	0#	0#	0.00
	190.258								80#	0#	0#	0#	0.00
	190.112								80#	0#	0#	0#	0.00
	189.968								80#	0#	0#	0#	0.00
	188.824								80#	0#	0#	0#	0.00
HELPERS	189.816								80#	0#	0#	0#	0.00
	189.803								80#	0#	0#	0#	0.00
0:23:30	190.619	0	19	RUN	6	677	REL	REL	80#	0#	0#	0#	0.00
	190.607								80#	0#	0#	0#	0.00
	190.595								80#	0#	0#	0#	0.00
	190.451								80#	0#	0#	0#	0.00
	190.307								80#	0#	0#	0#	0.00
	190.163								80#	0#	0#	0#	0.00
	190.019								80#	0#	0#	0#	0.00
HELPERS	189.875								80#	0#	0#	0#	0.00
	189.867								80#	0#	0#	0#	0.00
	189.854								80#	0#	0#	0#	0.00
0:23:38	190.650	0	19	RUN	6	683	REL	REL	80#	0#	0#	0#	0.00
	190.638								80#	0#	0#	0#	0.00
	190.625								80#	0#	0#	0#	0.00
	190.481								80#	0#	0#	0#	0.00
	190.337								80#	0#	0#	0#	0.00
	190.194								80#	0#	0#	0#	0.00
	190.050								80#	0#	0#	0#	0.00
HELPERS	189.908								80#	0#	0#	0#	0.00
	189.898								80#	0#	0#	0#	0.00
	189.885								80#	0#	0#	0#	0.00
-----> RUN 3													
0:23:37	190.655	0	19	RUN	3	825	REL	REL	80#	0#	0#	0#	0.00
	190.643								80#	0#	0#	0#	0.00
	190.631								80#	0#	0#	0#	0.00
	190.487								80#	0#	0#	0#	0.00
	190.343								80#	0#	0#	0#	0.00
	190.199								80#	0#	0#	0#	0.00
	190.055								80#	0#	0#	0#	0.00
	189.911								80#	0#	0#	0#	0.00
HELPERS	189.903								80#	0#	0#	0#	0.00
	189.890								80#	0#	0#	0#	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	IND	SETTING REL	BRAKES CYL	PRESSURE KIPS	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
												DRAMBAR FORCES FORE	AFT	
0:23:38	190.661	0	19	RUN	3	481	REL	REL	80# 0#	1	SD40	0 KIPS	43 KIPS	0.00
	190.648								80# 0#	2	SD40	43 KIPS	89 KIPS	0.00
	190.638								80# 0#	3	GONDOLA	89 KIPS	88 KIPS	0.00
	190.492								80# 0#	22	GONDOLA	69 KIPS	68 KIPS	0.00
	190.348								80# 0#	41	GONDOLA	48 KIPS	47 KIPS	0.00
	190.204								80# 0#	60	GONDOLA	-6 KIPS	-10 KIPS	0.01
	190.060								80# 0#	79	GONDOLA	-78 KIPS	-82 KIPS	0.18
	189.918								80# 0#	98	GONDOLA	-150 KIPS	-154 KIPS	0.31
HELPERS	189.909								80# 0#	99	GM10B	-154 KIPS	-68 KIPS	0.36
	189.898								80# 0#	100	GM6C	-68 KIPS	0 KIPS	0.24
0:23:40	190.672	0	19	RUN	3	306	REL	REL	80# 0#	1	SD40	0 KIPS	34 KIPS	0.00
	190.660								80# 0#	2	SD40	34 KIPS	80 KIPS	0.00
	190.647								80# 0#	3	GONDOLA	80 KIPS	79 KIPS	0.00
	190.503								80# 0#	22	GONDOLA	61 KIPS	59 KIPS	0.00
	190.360								80# 0#	41	GONDOLA	41 KIPS	40 KIPS	0.00
	190.218								80# 0#	60	GONDOLA	-5 KIPS	-7 KIPS	0.00
	190.072								80# 0#	79	GONDOLA	-70 KIPS	-74 KIPS	0.14
	189.928								80# 0#	98	GONDOLA	-138 KIPS	-139 KIPS	0.24
HELPERS	189.920								80# 0#	99	GM10B	-139 KIPS	-60 KIPS	0.27
	189.907								80# 0#	100	GM6C	-60 KIPS	0 KIPS	0.20
0:23:50	190.725	0	19	RUN	3	311	REL	REL	80# 0#	1	SD40	0 KIPS	21 KIPS	0.00
	190.712								80# 0#	2	SD40	21 KIPS	41 KIPS	0.00
	190.700								80# 0#	3	GONDOLA	41 KIPS	41 KIPS	0.00
	190.558								80# 0#	22	GONDOLA	49 KIPS	49 KIPS	0.00
	190.412								80# 0#	41	GONDOLA	57 KIPS	57 KIPS	0.00
	190.268								80# 0#	60	GONDOLA	50 KIPS	48 KIPS	0.00
	190.124								80# 0#	79	GONDOLA	-37 KIPS	-39 KIPS	0.11
	189.980								80# 0#	98	GONDOLA	-75 KIPS	-77 KIPS	0.21
HELPERS	189.973								80# 0#	99	GM10B	-77 KIPS	-37 KIPS	0.24
	188.980								80# 0#	100	GM6C	-37 KIPS	0 KIPS	0.19
0:24:0	190.777	0	19	RUN	3	313	REL	REL	80# 0#	1	SD40	0 KIPS	21 KIPS	0.00
	190.764								80# 0#	2	SD40	21 KIPS	41 KIPS	0.00
	190.752								80# 0#	3	GONDOLA	41 KIPS	41 KIPS	0.00
	190.608								80# 0#	22	GONDOLA	48 KIPS	48 KIPS	0.00
	190.464								80# 0#	41	GONDOLA	55 KIPS	58 KIPS	0.00
	190.320								80# 0#	60	GONDOLA	50 KIPS	48 KIPS	0.00
	190.178								80# 0#	79	GONDOLA	-38 KIPS	-34 KIPS	0.10
	190.032								80# 0#	98	GONDOLA	-74 KIPS	-78 KIPS	0.21
HELPERS	190.025								80# 0#	99	GM10B	-78 KIPS	-37 KIPS	0.23
	190.012								80# 0#	100	GM6C	-37 KIPS	0 KIPS	0.17

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STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING TRN	IND	PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES AFT	FORE	
0:24: 4	190.800	0	19	RUN 3	313	REL	REL	80# 0#	1	SD40	0 KIPS	20 KIPS	0.00
	190.788							80# 0#	2	SD40	20 KIPS	39 KIPS	0.00
	190.775							80# 0#	3	GONDOLA	39 KIPS	33 KIPS	0.00
	190.631							80# 0#	22	GONDOLA	34 KIPS	28 KIPS	0.00
	190.487							80# 0#	41	GONDOLA	28 KIPS	22 KIPS	0.00
	190.344							80# 0#	60	GONDOLA	23 KIPS	-27 KIPS	0.03
	190.200							80# 0#	79	GONDOLA	-25 KIPS	-74 KIPS	0.20
	190.058							80# 0#	88	GONDOLA	-76 KIPS	-37 KIPS	0.23
HELPERS	190.048			RUN 3	584	REL	REL	80# 0#	99	GM10B	-76 KIPS	0 KIPS	0.18
	190.035							80# 0#	100	GM6C	-37 KIPS	0 KIPS	0.18
-----> 12 POUND REDUCTION													
-----> RUN 1													
-----> CONTINUE UNTIL SPEED REACHES 5 M.P.H.													
0:24: 5	190.805	0	19	RUN 1	275	12#	REL	80# 0#	1	SD40	0 KIPS	19 KIPS	0.00
	190.793							80# 0#	2	SD40	19 KIPS	38 KIPS	0.00
	190.781							80# 0#	3	GONDOLA	38 KIPS	32 KIPS	0.00
	190.637							80# 0#	22	GONDOLA	32 KIPS	29 KIPS	0.00
	190.493							80# 0#	41	GONDOLA	29 KIPS	25 KIPS	0.00
	190.349							80# 0#	60	GONDOLA	25 KIPS	-18 KIPS	0.02
	190.205							80# 0#	79	GONDOLA	-16 KIPS	-72 KIPS	0.18
	190.061							80# 0#	98	GONDOLA	-68 KIPS	-34 KIPS	0.22
HELPERS	190.053			RUN 1	532	12#	REL	80# 0#	100	GM10B	-72 KIPS	0 KIPS	0.17
	190.040							80# 0#		GM6C	-34 KIPS	0 KIPS	0.17
0:24: 6	190.810	0	19	RUN 1	186	12#	REL	80# 4#	1	SD40	0 KIPS	15 KIPS	0.00
	190.798							80# 4#	2	SD40	15 KIPS	34 KIPS	0.00
	190.786							80# 0#	3	GONDOLA	34 KIPS	33 KIPS	0.00
	190.642							80# 0#	22	GONDOLA	30 KIPS	27 KIPS	0.00
	190.498							80# 0#	41	GONDOLA	27 KIPS	27 KIPS	0.00
	190.354							80# 0#	60	GONDOLA	28 KIPS	-8 KIPS	0.00
	190.210							80# 0#	79	GONDOLA	-7 KIPS	-48 KIPS	0.13
	190.068							79# 1#	98	GONDOLA	-44 KIPS	-22 KIPS	0.17
HELPERS	190.058			RUN 1	384	12#	REL	79# 4#	99	GM10B	-48 KIPS	0 KIPS	0.13
	190.045							79# 4#	100	GM6C	-22 KIPS	0 KIPS	0.13
0:24: 7	190.815	0	19	RUN 1	117	12#	REL	78# 8#	1	SD40	0 KIPS	8 KIPS	0.00
	190.803							77# 5#	2	SD40	8 KIPS	19 KIPS	0.00
	190.791							79# 2#	3	GONDOLA	19 KIPS	21 KIPS	0.00
	190.647							80# 0#	22	GONDOLA	21 KIPS	23 KIPS	0.00
	190.503							80# 0#	41	GONDOLA	23 KIPS	27 KIPS	0.00
	190.358							80# 0#	60	GONDOLA	27 KIPS	-3 KIPS	0.00
	190.215							80# 0#	79	GONDOLA	66 KIPS	-42 KIPS	0.11
	190.071							78# 4#	98	GONDOLA	-40 KIPS	-16 KIPS	0.13
HELPERS	190.064			RUN 1	270	12#	REL	78# 8#	99	GM10B	-42 KIPS	0 KIPS	0.12
	190.050							78# 8#	100	GM6C	-18 KIPS	0 KIPS	0.12

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO			
											DRANBAR FORCES FORE	AFT				
0:24: 8	190.821	0	18	RUN	1	105	12#	REL	74# 11#	93:83	13:99	1	SD40	0 KIPS	0 KIPS	0.00
	190.808								75# 9#			2	SD40	6 KIPS	0 KIPS	0.00
	190.796								78# 4#			3	GONDOLA	8 KIPS	6 KIPS	0.00
	190.652								79# 1#			22	GONDOLA	13 KIPS	21 KIPS	0.00
	190.808								80# 1#			41	GONDOLA	21 KIPS	31 KIPS	0.00
HELPERS	190.384								79# 1#			60	GONDOLA	30 KIPS	74 KIPS	0.00
	190.220								79# 2#			79	GONDOLA	66 KIPS	-17 KIPS	0.00
	190.076								77# 5#			98	GONDOLA	-18 KIPS	-8 KIPS	0.11
	190.069								74# 11#			99	GM108	-18 KIPS	0 KIPS	0.13
	190.056								74# 11#			100	GM6C	0 KIPS	3 KIPS	0.12
0:24: 9	190.826	0	18	RUN	1	105	12#	REL	72# 14#	100:86	13:99	1	SD40	0 KIPS	0 KIPS	0.00
	190.813								73# 12#			2	SD40	3 KIPS	0 KIPS	0.00
	190.801								77# 6#			3	GONDOLA	1 KIPS	1 KIPS	0.00
	190.857								78# 4#			22	GONDOLA	11 KIPS	22 KIPS	0.00
	190.513								78# 3#			41	GONDOLA	21 KIPS	32 KIPS	0.00
HELPERS	190.369								78# 3#			60	GONDOLA	32 KIPS	56 KIPS	0.00
	190.225								78# 4#			79	GONDOLA	47 KIPS	-15 KIPS	0.00
	190.081								76# 7#			98	GONDOLA	-16 KIPS	-7 KIPS	0.10
	190.074								72# 14#			99	GM108	-16 KIPS	0 KIPS	0.13
	190.061								72# 14#			100	GM6C	-7 KIPS	0 KIPS	0.12
0:24: 10	190.828	0	18	RUN	1	105	12#	REL	72# 15#	105:89	13:99	1	SD40	0 KIPS	0 KIPS	0.00
	190.818								73# 14#			2	SD40	0 KIPS	0 KIPS	0.00
	190.804								76# 6#			3	GONDOLA	0 KIPS	1 KIPS	0.00
	190.860								77# 4#			22	GONDOLA	12 KIPS	24 KIPS	0.00
	190.516								78# 4#			41	GONDOLA	23 KIPS	38 KIPS	0.00
HELPERS	190.372								78# 4#			60	GONDOLA	35 KIPS	30 KIPS	0.00
	190.228								77# 5#			79	GONDOLA	20 KIPS	-14 KIPS	0.00
	190.084								76# 8#			98	GONDOLA	-12 KIPS	-8 KIPS	0.10
	190.078								72# 15#			99	GM108	-14 KIPS	0 KIPS	0.13
	190.063								72# 15#			100	GM6C	-6 KIPS	0 KIPS	0.12
0:24: 11	190.833	0	18	RUN	1	105	12#	REL	71# 18#	117:93	12:99	1	SD40	0 KIPS	0 KIPS	0.00
	190.821								71# 18#			2	SD40	0 KIPS	0 KIPS	0.00
	190.809								76# 8#			3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.865								77# 6#			22	GONDOLA	11 KIPS	26 KIPS	0.00
	190.521								77# 8#			41	GONDOLA	25 KIPS	40 KIPS	0.00
HELPERS	190.377								77# 8#			60	GONDOLA	39 KIPS	28 KIPS	0.00
	190.233								76# 6#			79	GONDOLA	28 KIPS	-11 KIPS	0.00
	190.089								75# 10#			98	GONDOLA	-11 KIPS	-13 KIPS	0.10
	190.081								71# 18#			99	GM108	-8 KIPS	-6 KIPS	0.12
	190.068								71# 18#			100	GM6C	-6 KIPS	0 KIPS	0.12

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING PIPE	BRAKES IND CYL	PRESSURE KIPS	MAXIMUMS (AND LOCATION) L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
											DRAWBAR FORCES FORE	DRAWBAR FORCES AFT					
O:24:12	190.838	0	18	RUN	1	108	12#	REL	70#	20#	125:95	.12:99	1	SD40	0 KIPS	-17 KIPS	0.00
	190.826								71#	19#			2	SD40	-17 KIPS	-31 KIPS	0.00
	190.814								75#	10#			3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.870								78#	8#			22	GONDOLA	12 KIPS	13 KIPS	0.00
	190.528								78#	7#			41	GONDOLA	28 KIPS	29 KIPS	0.00
HELPERS	190.382								78#	7#			60	GONDOLA	48 KIPS	47 KIPS	0.00
	190.238								76#	8#			79	GONDOLA	37 KIPS	35 KIPS	0.00
	190.094								74#	11#			98	GONDOLA	-5 KIPS	-7 KIPS	0.10
	190.086								70#	20#			99	GM10B	-7 KIPS	-2 KIPS	0.12
	190.073								70#	20#	143:99	.12:99	100	GMBC	-2 KIPS	0 KIPS	0.12
O:24:13	190.843	0	18	RUN	1	108	12#	REL	69#	23#	143:99	.12:99	1	SD40	0 KIPS	-13 KIPS	0.00
	190.831								70#	21#			2	SD40	-13 KIPS	-28 KIPS	0.01
	190.819								74#	11#			3	GONDOLA	-28 KIPS	-34 KIPS	0.00
	190.875								75#	9#			22	GONDOLA	13 KIPS	14 KIPS	0.00
	190.531								75#	9#			41	GONDOLA	30 KIPS	31 KIPS	0.00
HELPERS	190.387								75#	9#			60	GONDOLA	48 KIPS	47 KIPS	0.00
	190.243								75#	9#			98	GONDOLA	41 KIPS	39 KIPS	0.00
	190.099								73#	13#			98	GONDOLA	128 KIPS	143 KIPS	0.09
	190.091								69#	23#			99	GM10B	-3 KIPS	-3 KIPS	0.12
	190.078								69#	23#			100	GMBC	-3 KIPS	0 KIPS	0.12
O:24:14	190.848	0	18	RUN	1	108	12#	REL	69#	25#	109:100	.12:100	1	SD40	0 KIPS	-11 KIPS	0.01
	190.836								69#	23#			2	SD40	-11 KIPS	-22 KIPS	0.02
	190.824								73#	12#			3	GONDOLA	-22 KIPS	-29 KIPS	0.01
	190.880								74#	11#			22	GONDOLA	13 KIPS	14 KIPS	0.00
	190.538								74#	10#			41	GONDOLA	30 KIPS	31 KIPS	0.00
HELPERS	190.392								74#	10#			60	GONDOLA	47 KIPS	47 KIPS	0.00
	190.248								74#	11#			78	GONDOLA	42 KIPS	40 KIPS	0.00
	190.104								72#	14#			98	GONDOLA	74 KIPS	82 KIPS	0.09
	190.098								69#	25#			99	GM10B	82 KIPS	109 KIPS	0.12
	190.083								69#	25#			100	GMBC	109 KIPS	0 KIPS	0.12
O:24:15	190.853	0	18	RUN	1	107	12#	REL	68#	27#	55:72	.12:100	1	SD40	0 KIPS	-8 KIPS	0.01
	190.841								68#	28#			2	SD40	-8 KIPS	-19 KIPS	0.02
	190.829								72#	14#			3	GONDOLA	-19 KIPS	-24 KIPS	0.02
	190.885								73#	12#			22	GONDOLA	12 KIPS	13 KIPS	0.00
	190.541								74#	11#			41	GONDOLA	28 KIPS	29 KIPS	0.00
HELPERS	190.397								73#	12#			60	GONDOLA	45 KIPS	46 KIPS	0.00
	190.253								73#	12#			79	GONDOLA	42 KIPS	40 KIPS	0.00
	190.109								72#	15#			98	GONDOLA	3 KIPS	0 KIPS	0.09
	190.101								68#	27#			99	GM10B	0 KIPS	1 KIPS	0.12
	190.088								68#	27#			100	GMBC	1 KIPS	0 KIPS	0.12

TIME	STATION MP	SPEED LMT	THLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE KIPS	MAXIMUMS (AND LOCATION) L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0:24:18	190.858	0	17	1	107	12#	REL	68# 28#	1	SD40	0 KIPS	-8 KIPS	0.01
	190.848							68# 28#	2	SD40	-8 KIPS	-16 KIPS	0.03
	190.833							72# 15#	3	GONDOLA	-16 KIPS	-21 KIPS	0.02
	190.890							73# 13#	22	GONDOLA	10 KIPS	11 KIPS	0.00
	190.548							73# 13#	41	GONDOLA	26 KIPS	27 KIPS	0.00
HELPERS	190.402							73# 13#	60	GONDOLA	42 KIPS	43 KIPS	0.00
	190.258							72# 13#	78	GONDOLA	42 KIPS	40 KIPS	0.00
	190.114							71# 17#	88	GONDOLA	3 KIPS	0 KIPS	0.09
	190.108							68# 28#	98	GM108	1 KIPS	1 KIPS	0.12
	190.093							68# 28#	100	GM6C	0 KIPS	0 KIPS	0.12
0:24:17	190.863	0	17	1	108	12#	REL	68# 28#	1	SD40	-7 KIPS	-7 KIPS	0.02
	190.851							68# 28#	2	SD40	-7 KIPS	-13 KIPS	0.03
	190.838							71# 18#	3	GONDOLA	-13 KIPS	-17 KIPS	0.02
	190.694							72# 15#	22	GONDOLA	9 KIPS	10 KIPS	0.00
	190.550							72# 14#	41	GONDOLA	25 KIPS	26 KIPS	0.00
HELPERS	190.408							72# 14#	60	GONDOLA	41 KIPS	42 KIPS	0.00
	190.263							72# 15#	78	GONDOLA	42 KIPS	40 KIPS	0.00
	190.119							71# 18#	98	GONDOLA	5 KIPS	6 KIPS	0.09
	190.111							68# 28#	99	GM108	3 KIPS	3 KIPS	0.12
	190.098							68# 28#	100	GM6C	0 KIPS	0 KIPS	0.12
0:24:18	190.855	0	17	1	108	12#	REL	68# 28#	1	SD40	-6 KIPS	-6 KIPS	0.02
	190.843							71# 18#	2	SD40	-6 KIPS	-12 KIPS	0.03
	190.698							72# 16#	3	GONDOLA	-12 KIPS	-11 KIPS	0.02
	190.555							72# 15#	22	GONDOLA	7 KIPS	8 KIPS	0.00
	190.411							72# 16#	41	GONDOLA	24 KIPS	24 KIPS	0.00
HELPERS	190.267							72# 16#	60	GONDOLA	39 KIPS	40 KIPS	0.00
	190.123							70# 20#	78	GONDOLA	41 KIPS	39 KIPS	0.00
	190.116							68# 28#	98	GONDOLA	3 KIPS	1 KIPS	0.09
	190.103							68# 28#	99	GM108	2 KIPS	2 KIPS	0.12
	190.872	0	17	1	109	12#	REL	68# 28#	100	GM6C	0 KIPS	0 KIPS	0.12
0:24:19	190.850							68# 28#	1	SD40	-8 KIPS	-8 KIPS	0.02
	190.848							71# 19#	2	SD40	-12 KIPS	-12 KIPS	0.03
	190.704							71# 17#	3	GONDOLA	-12 KIPS	-11 KIPS	0.02
	190.560							71# 17#	22	GONDOLA	6 KIPS	7 KIPS	0.00
	190.416							71# 17#	41	GONDOLA	22 KIPS	22 KIPS	0.00
HELPERS	190.272							71# 17#	60	GONDOLA	38 KIPS	38 KIPS	0.00
	190.128							70# 21#	78	GONDOLA	41 KIPS	38 KIPS	0.00
	190.120							68# 28#	98	GONDOLA	3 KIPS	1 KIPS	0.09
	190.107							68# 28#	99	GM108	2 KIPS	2 KIPS	0.12
								68# 28#	100	GM6C	2 KIPS	0 KIPS	0.12

OCM D-88-E/5/-R

STATION TIME	MP	SPEED LMT RUN	THITLE AMP	SETTING TRN INO PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRABBAR FORCES FORE	AFT	
O:24:20	190.877	0	17	1	109	12# REL	88# 28#	SD40	0 KIPS	-8 KIPS	0.02
	190.885						88# 28#	SD40	-8 KIPS	-12 KIPS	0.03
	190.852						70# 20#	GONDOLA	-12 KIPS	-12 KIPS	0.00
	190.708						71# 18#	GONDOLA	4 KIPS	4 KIPS	0.00
	190.584						71# 18#	GONDOLA	20 KIPS	20 KIPS	0.00
HELPERS	190.421						71# 18#	GONDOLA	38 KIPS	38 KIPS	0.00
	190.277						71# 18#	GONDOLA	41 KIPS	39 KIPS	0.00
	190.133						69# 22#	GONDOLA	3 KIPS	0 KIPS	0.09
	190.125						68# 28#	GM108	0 KIPS	2 KIPS	0.13
	190.112						68# 28#	GM6C	0 KIPS	0 KIPS	0.13
O:24:21	190.882	0	16	1	110	12# REL	88# 28#	SD40	0 KIPS	-6 KIPS	0.02
	190.888						88# 28#	SD40	-6 KIPS	-12 KIPS	0.03
	190.857						70# 21#	SD40	-12 KIPS	-12 KIPS	0.02
	190.713						70# 19#	GONDOLA	3 KIPS	3 KIPS	0.00
	190.569						70# 19#	GONDOLA	18 KIPS	19 KIPS	0.00
HELPERS	190.425						70# 19#	GONDOLA	34 KIPS	35 KIPS	0.00
	190.281						70# 20#	GONDOLA	41 KIPS	39 KIPS	0.00
	190.137						69# 23#	GONDOLA	3 KIPS	0 KIPS	0.08
	190.130						68# 28#	GM108	0 KIPS	1 KIPS	0.13
	190.117						68# 28#	GM6C	0 KIPS	0 KIPS	0.13
O:24:22	190.888	0	16	1	110	12# REL	88# 28#	SD40	0 KIPS	-8 KIPS	0.02
	190.874						88# 28#	SD40	-8 KIPS	-12 KIPS	0.03
	190.861						88# 23#	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.717						70# 21#	GONDOLA	-31 KIPS	1 KIPS	0.00
	190.574						70# 20#	GONDOLA	16 KIPS	17 KIPS	0.00
HELPERS	190.430						70# 21#	GONDOLA	32 KIPS	32 KIPS	0.00
	190.286						70# 21#	GONDOLA	40 KIPS	38 KIPS	0.00
	190.142						69# 25#	GONDOLA	2 KIPS	0 KIPS	0.00
	190.134						68# 28#	GM108	0 KIPS	1 KIPS	0.13
	190.121						68# 28#	GM6C	0 KIPS	0 KIPS	0.13
O:24:23	190.890	0	16	1	111	12# REL	88# 28#	SD40	0 KIPS	-8 KIPS	0.02
	190.878						88# 28#	SD40	-8 KIPS	-12 KIPS	0.03
	190.866						88# 24#	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.722						70# 22#	GONDOLA	-25 KIPS	-28 KIPS	0.00
	190.578						70# 21#	GONDOLA	15 KIPS	18 KIPS	0.00
HELPERS	190.434						70# 21#	GONDOLA	31 KIPS	32 KIPS	0.00
	190.290						69# 22#	GONDOLA	40 KIPS	38 KIPS	0.00
	190.148						68# 28#	GONDOLA	3 KIPS	0 KIPS	0.00
	190.139						68# 28#	GM108	0 KIPS	1 KIPS	0.13
	190.125						68# 28#	GM6C	1 KIPS	0 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS 1	SETTING 12#	REL	BRKES TRN IND PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO
0:24:24	190.895	0	16	RUN	1	112	12#	REL	68# 28#	42:78	.13:100	
	190.882								68# 28#			
	190.870								68# 25#			
	190.726								68# 23#			
	190.582								69# 22#			
	190.438								69# 23#			
	190.294								69# 23#			
	190.150								68# 27#			
HELPERS	190.143								68# 28#			
	190.130								68# 28#			
0:24:25	190.899	0	15	RUN	1	112	12#	REL	68# 28#	40:78	.13:100	
	190.887								68# 28#			
	190.874								68# 28#			
	190.730								68# 24#			
	190.587								69# 24#			
	190.443								69# 24#			
	190.299								68# 24#			
	190.155								68# 28#			
HELPERS	190.147								68# 28#			
	190.134								68# 28#			
0:24:26	190.803	0	15	RUN	1	113	12#	REL	68# 28#	39:78	.13:100	
	190.891								68# 28#			
	190.878								68# 27#			
	190.735								68# 25#			
	190.591								68# 25#			
	190.447								68# 25#			
	190.303								68# 25#			
	190.159								68# 28#			
HELPERS	190.151								68# 28#			
	190.138								68# 28#			
0:24:27	190.907	0	15	RUN	1	114	12#	REL	68# 28#	38:79	.13:100	
	190.895								68# 28#			
	190.883								68# 28#			
	190.739								68# 26#			
	190.595								68# 26#			
	190.451								68# 26#			
	190.307								68# 26#			
HELPERS	190.183								68# 28#			
	190.155								68# 28#			
	190.142								68# 28#			

QCM D-96-E/5/-R

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE KIPS	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	AFT	
0:24:28	190.911	0	14	RUN	1	115	12# REL	68# 28#	1	SD40	0 KIPS	-8 KIPS	0.01
	190.899							68# 28#	2	SD40	-8 KIPS	-11 KIPS	0.02
	190.887							68# 28#	3	GONDOLA	-11 KIPS	-5 KIPS	0.00
	190.743							68# 27#	22	GONDOLA	-4 KIPS	9 KIPS	0.00
	190.599							68# 27#	41	GONDOLA	8 KIPS	22 KIPS	0.00
	190.455							68# 27#	60	GONDOLA	22 KIPS	35 KIPS	0.00
	190.311							68# 27#	78	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.167							68# 28#	99	GONDOLA	-1 KIPS	0 KIPS	0.00
	190.159							68# 28#	100	GM10B	-1 KIPS	0 KIPS	0.00
	190.148							68# 28#	1	GM6C	0 KIPS	-5 KIPS	0.01
0:24:29	190.915	0	14	RUN	1	116	12# REL	68# 28#	2	SD40	-5 KIPS	-11 KIPS	0.02
	190.903							68# 28#	3	SD40	-11 KIPS	-10 KIPS	0.02
	190.891							68# 28#	22	GONDOLA	-3 KIPS	9 KIPS	0.00
	190.747							68# 28#	41	GONDOLA	8 KIPS	22 KIPS	0.00
	190.603							68# 28#	60	GONDOLA	21 KIPS	34 KIPS	0.00
	190.459							68# 28#	79	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.315							68# 28#	98	GONDOLA	-4 KIPS	-1 KIPS	0.00
	190.171							68# 28#	99	GM10B	-1 KIPS	0 KIPS	0.00
	190.163							68# 28#	100	GM6C	0 KIPS	-5 KIPS	0.01
	190.150							68# 28#	1	SD40	-5 KIPS	-11 KIPS	0.02
0:24:30	190.919	0	14	RUN	1	117	12# REL	68# 28#	2	SD40	-11 KIPS	-10 KIPS	0.02
	190.907							68# 28#	3	GONDOLA	-3 KIPS	9 KIPS	0.00
	190.895							68# 28#	22	GONDOLA	8 KIPS	21 KIPS	0.00
	190.751							68# 28#	41	GONDOLA	20 KIPS	33 KIPS	0.00
	190.607							68# 28#	60	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.463							68# 28#	79	GONDOLA	-4 KIPS	-1 KIPS	0.00
	190.319							68# 28#	98	GONDOLA	-1 KIPS	0 KIPS	0.00
	190.175							68# 28#	99	GM10B	-1 KIPS	0 KIPS	0.01
	190.167							68# 28#	100	GM6C	0 KIPS	-5 KIPS	0.02
	190.154							68# 28#	1	SD40	-5 KIPS	-11 KIPS	0.02
0:24:31	190.923	0	13	RUN	1	118	12# REL	68# 28#	2	SD40	-11 KIPS	-10 KIPS	0.02
	190.911							68# 28#	3	GONDOLA	-3 KIPS	9 KIPS	0.00
	190.898							68# 28#	22	GONDOLA	8 KIPS	20 KIPS	0.00
	190.754							68# 28#	41	GONDOLA	19 KIPS	32 KIPS	0.00
	190.610							68# 28#	60	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.466							68# 28#	79	GONDOLA	-4 KIPS	-1 KIPS	0.00
	190.323							68# 28#	98	GONDOLA	-1 KIPS	0 KIPS	0.00
	190.179							68# 28#	99	GM10B	-1 KIPS	0 KIPS	0.01
	190.171							68# 28#	100	GM6C	0 KIPS	-5 KIPS	0.02
	190.158							68# 28#	1	SD40	-5 KIPS	-11 KIPS	0.02

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING REL	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO		
						IND PIPE	CYL				FORE	AFT			
0:24:32	190.927	0	13	RUN	1	116	12# REL	88# 28#	32:81	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.914							88# 28#			2	SD40	-5 KIPS	-11 KIPS	0.02
	190.902							88# 28#			3	GONDOLA	-11 KIPS	-10 KIPS	0.02
	190.758							88# 28#			22	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.614							88# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
HELPERS	190.470							88# 28#			60	GONDOLA	19 KIPS	19 KIPS	0.00
	190.326							88# 28#			79	GONDOLA	31 KIPS	31 KIPS	0.00
	190.182							88# 28#			98	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.175					RUN	1	254	12# REL		99	GM108	-4 KIPS	-1 KIPS	0.00
	190.162							88# 28#			100	GM6C	-1 KIPS	0 KIPS	0.00
0:24:33	190.930	0	13	RUN	1	120	12# REL	88# 28#	31:82	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.918							88# 28#			2	SD40	-5 KIPS	-11 KIPS	0.02
	190.906							88# 28#			3	GONDOLA	-11 KIPS	-10 KIPS	0.02
	190.782							88# 28#			22	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.618							88# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
HELPERS	190.474							88# 28#			60	GONDOLA	18 KIPS	19 KIPS	0.00
	190.330							88# 28#			79	GONDOLA	30 KIPS	30 KIPS	0.00
	190.186							88# 28#			98	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.178					RUN	1	254	12# REL		99	GM108	-4 KIPS	-1 KIPS	0.00
	190.165							88# 28#			100	GM6C	-1 KIPS	0 KIPS	0.00
0:24:34	190.934	0	13	RUN	1	121	12# REL	88# 28#	32:83	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.921							88# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.909							88# 28#			3	GONDOLA	-10 KIPS	-2 KIPS	0.02
	190.785							88# 28#			22	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.621							88# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
HELPERS	190.477							88# 28#			60	GONDOLA	18 KIPS	19 KIPS	0.00
	190.333							88# 28#			79	GONDOLA	29 KIPS	30 KIPS	0.00
	190.189							88# 28#			98	GONDOLA	-3 KIPS	-1 KIPS	0.00
	190.182					RUN	1	254	12# REL		99	GM108	-3 KIPS	-1 KIPS	0.00
	190.169							88# 28#			100	GM6C	-1 KIPS	0 KIPS	0.00
0:24:35	190.937	0	12	RUN	1	122	12# REL	88# 28#	31:83	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.925							88# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.913							88# 28#			3	GONDOLA	-10 KIPS	-2 KIPS	0.02
	190.769							88# 28#			22	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.625							88# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
HELPERS	190.481							88# 28#			60	GONDOLA	18 KIPS	19 KIPS	0.00
	190.337							88# 28#			79	GONDOLA	29 KIPS	30 KIPS	0.00
	190.193							88# 28#			98	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.185					RUN	1	254	12# REL		99	GM108	-2 KIPS	0 KIPS	0.00
	190.172							88# 28#			100	GM6C	0 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO			
											FORE	AFT				
0:24:38	190.941	0	12	RUN	1	124	12#	REL	88# 28#	30:84	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.928								88# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.916								88# 28#			3	GONDOLA	-10 KIPS	-10 KIPS	0.02
	190.772								88# 28#			22	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.628								88# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
HELPERS	190.484								88# 28#			60	GONDOLA	17 KIPS	18 KIPS	0.00
	190.340								88# 28#			79	GONDOLA	28 KIPS	29 KIPS	0.00
	190.196								88# 28#			98	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.189								88# 28#			99	GM10B	-2 KIPS	0 KIPS	0.00
	190.178								88# 28#			100	GMBC	0 KIPS	0 KIPS	0.00
0:24:37	190.944	0	12	RUN	1	125	12#	REL	88# 28#	30:84	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.932								88# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.919								88# 28#			3	GONDOLA	-10 KIPS	-9 KIPS	0.02
	190.775								88# 28#			22	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.631								88# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
HELPERS	190.487								88# 28#			60	GONDOLA	17 KIPS	18 KIPS	0.00
	190.343								88# 28#			79	GONDOLA	27 KIPS	28 KIPS	0.00
	190.200								88# 28#			98	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.192								88# 28#			99	GM10B	-2 KIPS	0 KIPS	0.00
	190.179								88# 28#			100	GMBC	0 KIPS	0 KIPS	0.00
0:24:38	190.947	0	11	RUN	1	126	12#	REL	88# 28#	29:84	.02:2	1	SD40	-5 KIPS	-10 KIPS	0.01
	190.935								88# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.922								88# 28#			3	GONDOLA	-10 KIPS	-9 KIPS	0.02
	190.778								88# 28#			22	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.635								88# 28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
HELPERS	190.491								88# 28#			60	GONDOLA	17 KIPS	17 KIPS	0.00
	190.347								88# 28#			79	GONDOLA	27 KIPS	27 KIPS	0.00
	190.203								88# 28#			98	GONDOLA	-5 KIPS	-4 KIPS	0.00
	190.195								88# 28#			99	GM10B	-4 KIPS	-2 KIPS	0.00
	190.182								88# 28#			100	GMBC	-2 KIPS	0 KIPS	0.00
0:24:39	190.950	0	11	RUN	1	128	12#	REL	88# 28#	27:85	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.938								88# 28#			2	SD40	-5 KIPS	-9 KIPS	0.02
	190.925								88# 28#			3	GONDOLA	-9 KIPS	-9 KIPS	0.02
	190.782								88# 28#			22	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.638								88# 28#			41	GONDOLA	7 KIPS	7 KIPS	0.00
HELPERS	190.494								88# 28#			60	GONDOLA	15 KIPS	16 KIPS	0.00
	190.350								88# 28#			79	GONDOLA	24 KIPS	25 KIPS	0.00
	190.206								88# 28#			98	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.198								88# 28#			99	GM10B	-4 KIPS	-1 KIPS	0.00
	190.185								88# 28#			100	GMBC	-1 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:24:40	190.953	0	11	RUN	1	130	12#	REL	88# 28#	SD40	0 KIPS	-5 KIPS	0.01
	190.941								88# 28#	SD40	-5 KIPS	-9 KIPS	0.02
	190.929								88# 28#	GONDOLA	-9 KIPS	-9 KIPS	0.02
	190.785								88# 28#	GONDOLA	-2 KIPS	-7 KIPS	0.00
	190.641								88# 28#	GONDOLA	7 KIPS	7 KIPS	0.00
HELPERS	190.497								88# 28#	GONDOLA	15 KIPS	15 KIPS	0.00
	190.353								88# 28#	GONDOLA	23 KIPS	24 KIPS	0.00
	190.209								88# 28#	GONDOLA	-2 KIPS	-4 KIPS	0.00
	190.201								88# 28#	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.188								88# 28#	GM10B	0 KIPS	0 KIPS	0.00
0:24:41	190.956	0	10	RUN	1	131	12#	REL	88# 28#	SD40	0 KIPS	-5 KIPS	0.01
	190.944								88# 28#	SD40	-5 KIPS	-9 KIPS	0.02
	190.931								88# 28#	GONDOLA	-9 KIPS	-9 KIPS	0.02
	190.788								88# 28#	GONDOLA	-2 KIPS	-1 KIPS	0.00
	190.644								88# 28#	GONDOLA	7 KIPS	8 KIPS	0.00
HELPERS	190.500								88# 28#	GONDOLA	16 KIPS	16 KIPS	0.00
	190.356								88# 28#	GONDOLA	24 KIPS	25 KIPS	0.00
	190.212								88# 28#	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.204								88# 28#	GM10B	-2 KIPS	-2 KIPS	0.00
	190.191								88# 28#	GMBC	0 KIPS	0 KIPS	0.00
0:24:42	190.959	0	10	RUN	1	133	12#	REL	88# 28#	SD40	0 KIPS	-4 KIPS	0.01
	190.947								88# 28#	SD40	-4 KIPS	-8 KIPS	0.02
	190.934								88# 28#	GONDOLA	-8 KIPS	-8 KIPS	0.02
	190.790								88# 28#	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.646								88# 28#	GONDOLA	7 KIPS	7 KIPS	0.00
HELPERS	190.502								88# 28#	GONDOLA	15 KIPS	16 KIPS	0.00
	190.359								88# 28#	GONDOLA	24 KIPS	24 KIPS	0.00
	190.215								88# 28#	GONDOLA	0 KIPS	-3 KIPS	0.00
	190.207								88# 28#	GM10B	-3 KIPS	0 KIPS	0.00
	190.194								88# 28#	GMBC	0 KIPS	0 KIPS	0.00
0:24:43	190.962	0	10	RUN	1	135	12#	REL	88# 28#	SD40	0 KIPS	-4 KIPS	0.01
	190.949								88# 28#	SD40	-4 KIPS	-8 KIPS	0.02
	190.937								88# 28#	GONDOLA	-8 KIPS	-8 KIPS	0.02
	190.793								88# 28#	GONDOLA	-1 KIPS	0 KIPS	0.00
	190.649								88# 28#	GONDOLA	7 KIPS	7 KIPS	0.00
HELPERS	190.505								88# 28#	GONDOLA	15 KIPS	15 KIPS	0.00
	190.361								88# 28#	GONDOLA	23 KIPS	23 KIPS	0.00
	190.217								88# 28#	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.210								88# 28#	GM10B	0 KIPS	0 KIPS	0.00
	190.197								88# 28#	GMBC	0 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THYRLE RUN	AMPS	SETTING TRN IN	PRESSURE PIPE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO				
											FORE	AFT					
0:24:44	190.984	0	9	RUN	1	137	12#	REL	88#	28#	25:87	.02:2	1	SD40	0 KIPS	-4 KIPS	0.01
	190.952								88#	28#			2	SD40	-4 KIPS	-8 KIPS	0.02
	190.940								88#	28#			3	GONDOLA	-8 KIPS	-8 KIPS	0.02
	190.798								88#	28#			22	GONDOLA	-1 KIPS	0 KIPS	0.00
	190.652								88#	28#			41	GONDOLA	7 KIPS	8 KIPS	0.00
HELPERS	190.508								88#	28#			60	GONDOLA	15 KIPS	15 KIPS	0.00
	190.384								88#	28#			79	GONDOLA	22 KIPS	23 KIPS	0.00
	190.220								88#	28#			98	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.212								88#	28#			99	GM10B	0 KIPS	0 KIPS	0.00
	190.199								88#	28#			100	GM6C	0 KIPS	0 KIPS	0.00
0:24:45	190.987	0	9	RUN	1	139	12#	REL	88#	28#	25:87	.02:2	1	SD40	0 KIPS	-4 KIPS	0.01
	190.955								88#	28#			2	SD40	-4 KIPS	-8 KIPS	0.02
	190.942								88#	28#			3	GONDOLA	-7 KIPS	-7 KIPS	0.02
	190.798								88#	28#			22	GONDOLA	0 KIPS	0 KIPS	0.00
	190.654								88#	28#			41	GONDOLA	7 KIPS	7 KIPS	0.00
HELPERS	190.510								88#	28#			60	GONDOLA	14 KIPS	15 KIPS	0.00
	190.387								88#	28#			79	GONDOLA	22 KIPS	22 KIPS	0.00
	190.223								88#	28#			98	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.215								88#	28#			99	GM10B	-2 KIPS	0 KIPS	0.00
	190.202								88#	28#			100	GM6C	0 KIPS	0 KIPS	0.00
0:24:46	190.989	0	9	RUN	1	141	12#	REL	88#	28#	24:87	.02:2	1	SD40	-4 KIPS	-4 KIPS	0.01
	190.957								88#	28#			2	SD40	-8 KIPS	-8 KIPS	0.02
	190.945								88#	28#			3	GONDOLA	-7 KIPS	-7 KIPS	0.02
	190.801								88#	28#			22	GONDOLA	0 KIPS	14 KIPS	0.00
	190.657								88#	28#			41	GONDOLA	7 KIPS	7 KIPS	0.00
HELPERS	190.513								88#	28#			60	GONDOLA	14 KIPS	14 KIPS	0.00
	190.369								88#	28#			79	GONDOLA	21 KIPS	21 KIPS	0.00
	190.225								88#	28#			98	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.218								88#	28#			99	GM10B	-2 KIPS	0 KIPS	0.00
	190.204								88#	28#			100	GM6C	0 KIPS	0 KIPS	0.00
0:24:47	190.972	0	9	RUN	1	144	12#	REL	88#	28#	24:88	.02:2	1	SD40	-4 KIPS	-4 KIPS	0.01
	190.960								88#	28#			2	SD40	-7 KIPS	-7 KIPS	0.02
	190.947								88#	28#			3	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.803								88#	28#			22	GONDOLA	14 KIPS	12 KIPS	0.00
	190.659								88#	28#			41	GONDOLA	7 KIPS	7 KIPS	0.00
HELPERS	190.515								88#	28#			60	GONDOLA	14 KIPS	14 KIPS	0.00
	190.371								88#	28#			79	GONDOLA	20 KIPS	21 KIPS	0.00
	190.228								88#	28#			98	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.220								88#	28#			99	GM10B	-2 KIPS	0 KIPS	0.00
	190.207								88#	28#			100	GM6C	0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THITLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:24:48	190.974	0	8	RUN 1	147	12# REL	88# 28#	1	SD40	0 KIPS	-3 KIPS	0.01
	190.982						88# 28#	2	SD40	-3 KIPS	-7 KIPS	0.02
	190.950						88# 28#	3	GONDOLA	-7 KIPS	-6 KIPS	0.01
	190.806						88# 28#	22	GONDOLA	0 KIPS	1 KIPS	0.00
	190.662						88# 28#	41	GONDOLA	7 KIPS	7 KIPS	0.00
HELPERS	190.518						88# 28#	60	GONDOLA	13 KIPS	14 KIPS	0.00
	190.374						88# 28#	79	GONDOLA	20 KIPS	20 KIPS	0.00
	190.230						88# 28#	98	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.222						88# 28#	99	GM10B	-2 KIPS	0 KIPS	0.00
	190.209						88# 28#	100	GM6C	0 KIPS	0 KIPS	0.00
0:24:49	190.976	0	8	RUN 1	255	12# REL	88# 28#	1	SD40	0 KIPS	-3 KIPS	0.00
	190.964						88# 28#	2	SD40	0 KIPS	-3 KIPS	0.00
	190.952						88# 28#	3	SD40	-3 KIPS	-8 KIPS	0.01
	190.808						88# 28#	22	GONDOLA	12 KIPS	10 KIPS	0.00
	190.664						88# 28#	41	GONDOLA	7 KIPS	7 KIPS	0.00
HELPERS	190.520						88# 28#	60	GONDOLA	13 KIPS	13 KIPS	0.00
	190.378						88# 28#	78	GONDOLA	19 KIPS	19 KIPS	0.00
	190.232						88# 28#	98	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.224						88# 28#	99	GM10B	-2 KIPS	0 KIPS	0.00
	190.211						88# 28#	100	GM6C	0 KIPS	0 KIPS	0.00
0:24:50	190.979	0	8	RUN 1	154	12# REL	88# 28#	1	SD40	-3 KIPS	-8 KIPS	0.01
	190.966						88# 28#	2	SD40	-6 KIPS	-5 KIPS	0.01
	190.854						88# 28#	3	GONDOLA	10 KIPS	9 KIPS	0.00
	190.810						88# 28#	22	GONDOLA	7 KIPS	7 KIPS	0.00
	190.666						88# 28#	41	GONDOLA	13 KIPS	13 KIPS	0.00
HELPERS	190.522						88# 28#	60	GONDOLA	19 KIPS	19 KIPS	0.00
	190.378						88# 28#	79	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.234						88# 28#	98	GONDOLA	-2 KIPS	0 KIPS	0.00
	190.227						88# 28#	99	GM10B	0 KIPS	0 KIPS	0.00
	190.214						88# 28#	100	GM6C	0 KIPS	-3 KIPS	0.00
0:24:51	190.981	0	7	RUN 1	159	12# REL	88# 28#	1	SD40	-3 KIPS	-5 KIPS	0.01
	190.968						88# 28#	2	SD40	-5 KIPS	-5 KIPS	0.01
	190.956						88# 28#	3	GONDOLA	1 KIPS	1 KIPS	0.00
	190.812						88# 28#	22	GONDOLA	7 KIPS	7 KIPS	0.00
	190.668						88# 28#	41	GONDOLA	12 KIPS	13 KIPS	0.00
HELPERS	190.524						88# 28#	60	GONDOLA	18 KIPS	19 KIPS	0.00
	190.380						88# 28#	78	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.236						88# 28#	98	GONDOLA	-2 KIPS	-1 KIPS	0.00
	190.229						88# 28#	99	GM10B	-1 KIPS	0 KIPS	0.00
	190.216						88# 28#	100	GM6C	-1 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND PIPE	BRAKES CYL	PRESSURE KIPS:CAR L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT		
0:24:52	190.982	0	7	RUN 1	184	12#	REL	88# 28#	21:89	.01:2	SD40	0 KIPS	-2 KIPS	0.00
	190.970							88# 28#			SD40	-2 KIPS	-5 KIPS	0.01
	190.958							88# 28#			GONDOLA	-5 KIPS	-4 KIPS	0.01
	190.814							88# 28#			GONDOLA	9 KIPS	7 KIPS	0.00
	190.870							88# 28#	22		GONDOLA	7 KIPS	7 KIPS	0.00
	190.526							88# 28#	41		GONDOLA	12 KIPS	12 KIPS	0.00
	190.382							88# 28#	60		GONDOLA	18 KIPS	18 KIPS	0.00
	190.382							88# 28#	79		GONDOLA	0 KIPS	-2 KIPS	0.00
HELPERS	190.238							88# 28#	98		GONDOLA	0 KIPS	-2 KIPS	0.00
	190.231							88# 28#	99		GM10B	-1 KIPS	-1 KIPS	0.00
	190.217							88# 28#	100		GMBC	0 KIPS	0 KIPS	0.00
	190.984	0	7	RUN 1	169	12#	REL	88# 28#	20:89	.00:	SD40	-2 KIPS	-2 KIPS	0.00
	190.972							88# 28#			SD40	-4 KIPS	-4 KIPS	0.00
	190.960							88# 28#	3		GONDOLA	1 KIPS	1 KIPS	0.00
	190.816							88# 28#	22		GONDOLA	8 KIPS	7 KIPS	0.00
	190.672							88# 28#	41		GONDOLA	12 KIPS	12 KIPS	0.00
HELPERS	190.528							88# 28#	60		GONDOLA	17 KIPS	17 KIPS	0.00
	190.384							88# 28#	79		GONDOLA	0 KIPS	-2 KIPS	0.00
	190.240							88# 28#	98		GONDOLA	-2 KIPS	-1 KIPS	0.00
	190.232							88# 28#	99		GM10B	-1 KIPS	0 KIPS	0.00
	190.219							88# 28#	100		GMBC	0 KIPS	-2 KIPS	0.00
	190.988	0	6	RUN 1	175	12#	REL	88# 28#	20:90	.00:	SD40	-2 KIPS	-3 KIPS	0.00
	190.974							88# 28#			SD40	-3 KIPS	-3 KIPS	0.00
	190.962							88# 28#	3		GONDOLA	8 KIPS	7 KIPS	0.00
HELPERS	190.818							88# 28#	22		GONDOLA	8 KIPS	7 KIPS	0.00
	190.674							88# 28#	41		GONDOLA	12 KIPS	12 KIPS	0.00
	190.530							88# 28#	60		GONDOLA	17 KIPS	17 KIPS	0.00
	190.386							88# 28#	79		GONDOLA	0 KIPS	-2 KIPS	0.00
	190.242							88# 28#	98		GONDOLA	-2 KIPS	-1 KIPS	0.00
	190.234							88# 28#	99		GM10B	0 KIPS	0 KIPS	0.00
	190.221							88# 28#	100		GMBC	-1 KIPS	-1 KIPS	0.00
	190.988	0	6	RUN 1	182	12#	REL	88# 28#	19:90	.00:	SD40	-1 KIPS	-2 KIPS	0.00
HELPERS	190.975							88# 28#	2		SD40	-2 KIPS	-2 KIPS	0.00
	190.963							88# 28#	3		GONDOLA	1 KIPS	2 KIPS	0.00
	190.819							88# 28#	22		GONDOLA	8 KIPS	7 KIPS	0.00
	190.675							88# 28#	41		GONDOLA	11 KIPS	12 KIPS	0.00
	190.531							88# 28#	60		GONDOLA	16 KIPS	17 KIPS	0.00
	190.387							88# 28#	79		GONDOLA	0 KIPS	-2 KIPS	0.00
	190.243							88# 28#	98		GONDOLA	-2 KIPS	-1 KIPS	0.00
	190.236							88# 28#	99		GM10B	-2 KIPS	-1 KIPS	0.00
190.223							88# 28#	100		GMBC	-1 KIPS	0 KIPS	0.00	

STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING TRN INO PIPE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRANBAR FORCES FORE	AFT	
0:24:56	190.989	0	6	RUN 1	188 12# REL	68# 28#	1	SD40	0 KIPS	-1 KIPS	0.00
	190.977					68# 28#	2	SD40	-1 KIPS	-1 KIPS	0.00
	190.965					68# 28#	3	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.821					68# 28#	22	GONDOLA	8 KIPS	6 KIPS	0.00
	190.877					68# 28#	41	GONDOLA	8 KIPS	6 KIPS	0.00
	190.533					68# 28#	60	GONDOLA	11 KIPS	11 KIPS	0.00
	190.389					68# 28#	79	GONDOLA	16 KIPS	16 KIPS	0.00
	190.245					68# 28#	98	GONDOLA	0 KIPS	-2 KIPS	0.00
	190.237					68# 28#	99	GM10B	-1 KIPS	-1 KIPS	0.00
HELPERS	190.224			RUN 1	255 12# REL	68# 28#	100	GM6C	0 KIPS	0 KIPS	0.00
0:24:57	190.991	0	5	RUN 1	196 12# REL	68# 28#	1	SD40	0 KIPS	0 KIPS	0.00
	190.979					68# 28#	2	SD40	0 KIPS	0 KIPS	0.00
	190.968					68# 28#	3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.822					68# 28#	22	GONDOLA	7 KIPS	5 KIPS	0.00
	190.678					68# 28#	41	GONDOLA	8 KIPS	6 KIPS	0.00
	190.534					68# 28#	60	GONDOLA	11 KIPS	11 KIPS	0.00
	190.380					68# 28#	79	GONDOLA	15 KIPS	15 KIPS	0.00
	190.247					68# 28#	98	GONDOLA	0 KIPS	-2 KIPS	0.00
HELPERS	190.239			RUN 1	255 12# REL	68# 28#	99	GM10B	-1 KIPS	-1 KIPS	0.00
	190.226					68# 28#	100	GM6C	-1 KIPS	0 KIPS	0.00
-----> IDLE											
-----> CONTINUE UNTIL SPEED REACHES 0 M.P.H.											
0:24:58	190.992	0	5	IDLE	0 12# REL	68# 28#	1	SD40	0 KIPS	-9 KIPS	0.02
	190.980					68# 28#	2	SD40	-9 KIPS	-17 KIPS	0.04
	190.968					68# 28#	3	GONDOLA	-17 KIPS	-15 KIPS	0.03
	190.824					68# 28#	22	GONDOLA	5 KIPS	4 KIPS	0.00
	190.680					68# 28#	41	GONDOLA	9 KIPS	9 KIPS	0.00
	190.536					68# 28#	60	GONDOLA	14 KIPS	14 KIPS	0.00
	190.392					68# 28#	79	GONDOLA	19 KIPS	19 KIPS	0.00
	190.248					68# 28#	98	GONDOLA	90 KIPS	100 KIPS	0.00
	190.240			IDLE	0 12# REL	68# 28#	99	GM10B	0 KIPS	0 KIPS	0.00
HELPERS	190.227					68# 28#	100	GM6C	0 KIPS	0 KIPS	0.00
0:24:59	190.993	0	4	IDLE	0 12# REL	68# 28#	1	SD40	0 KIPS	-9 KIPS	0.02
	190.981					68# 28#	2	SD40	-9 KIPS	-17 KIPS	0.04
	190.969					68# 28#	3	GONDOLA	-17 KIPS	-15 KIPS	0.03
	190.825					68# 28#	22	GONDOLA	5 KIPS	5 KIPS	0.00
	190.681					68# 28#	41	GONDOLA	15 KIPS	16 KIPS	0.00
	190.537					68# 28#	60	GONDOLA	25 KIPS	28 KIPS	0.00
	190.393					68# 28#	79	GONDOLA	35 KIPS	35 KIPS	0.00
	190.249					68# 28#	98	GONDOLA	99 KIPS	111 KIPS	0.00
HELPERS	190.242			IDLE	0 12# REL	68# 28#	99	GM10B	111 KIPS	132 KIPS	0.00
	190.228					68# 28#	100	GM6C	132 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THLE	AMPS	SETTING TRN IND PIPE CYL	PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	AFT	
0:25: 0	190.995	0	4	IDLE	0	12# REL	68# 28#	1	SD40	0 KIPS	-9 KIPS	0.02
	190.982						68# 28#	2	SD40	-9 KIPS	-17 KIPS	0.04
	190.970						68# 28#	3	GONDOLA	-17 KIPS	-18 KIPS	0.03
	190.828						68# 28#	22	GONDOLA	5 KIPS	18 KIPS	0.00
	190.882						68# 28#	41	GONDOLA	16 KIPS	27 KIPS	0.00
	190.538						68# 28#	60	GONDOLA	27 KIPS	38 KIPS	0.00
	190.394						68# 28#	79	GONDOLA	38 KIPS	28 KIPS	0.00
	190.250						68# 28#	98	GONDOLA	30 KIPS	14 KIPS	0.00
	190.243			IDLE	0	12# REL	68# 28#	99	GM108	28 KIPS	0 KIPS	0.00
	190.230						68# 28#	100	GM6C	14 KIPS	0 KIPS	0.00
0:25: 1	190.998	0	4	IDLE	0	12# REL	68# 28#	1	SD40	0 KIPS	-9 KIPS	0.02
	190.983						68# 28#	2	SD40	-9 KIPS	-17 KIPS	0.04
	190.971						68# 28#	3	GONDOLA	-17 KIPS	-18 KIPS	0.03
	190.827						68# 28#	22	GONDOLA	5 KIPS	17 KIPS	0.00
	190.883						68# 28#	41	GONDOLA	16 KIPS	27 KIPS	0.00
	190.539						68# 28#	60	GONDOLA	27 KIPS	38 KIPS	0.00
	190.395						68# 28#	79	GONDOLA	38 KIPS	30 KIPS	0.00
	190.251						68# 28#	98	GONDOLA	32 KIPS	15 KIPS	0.00
	190.244			IDLE	0	12# REL	68# 28#	99	GM108	30 KIPS	0 KIPS	0.00
	190.231						68# 28#	100	GM6C	15 KIPS	0 KIPS	0.00
0:25: 2	190.997	0	3	IDLE	0	12# REL	68# 28#	1	SD40	0 KIPS	-9 KIPS	0.02
	190.984						68# 28#	2	SD40	-9 KIPS	-18 KIPS	0.04
	190.972						68# 28#	3	GONDOLA	-18 KIPS	-18 KIPS	0.03
	190.828						68# 28#	22	GONDOLA	4 KIPS	16 KIPS	0.00
	190.884						68# 28#	41	GONDOLA	16 KIPS	27 KIPS	0.00
	190.540						68# 28#	60	GONDOLA	27 KIPS	38 KIPS	0.00
	190.396						68# 28#	79	GONDOLA	31 KIPS	29 KIPS	0.00
	190.252						68# 28#	98	GONDOLA	29 KIPS	15 KIPS	0.00
	190.245			IDLE	0	12# REL	68# 28#	99	GM108	15 KIPS	0 KIPS	0.00
	190.232						68# 28#	100	GM6C	0 KIPS	-9 KIPS	0.02
0:25: 3	190.997	0	3	IDLE	0	12# REL	68# 28#	1	SD40	0 KIPS	-18 KIPS	0.04
	190.985						68# 28#	2	SD40	-9 KIPS	-17 KIPS	0.04
	190.973						68# 28#	3	GONDOLA	-18 KIPS	-17 KIPS	0.04
	190.829						68# 28#	22	GONDOLA	4 KIPS	15 KIPS	0.00
	190.885						68# 28#	41	GONDOLA	16 KIPS	27 KIPS	0.00
	190.541						68# 28#	60	GONDOLA	26 KIPS	37 KIPS	0.00
	190.397						68# 28#	79	GONDOLA	37 KIPS	30 KIPS	0.00
	190.253						68# 28#	98	GONDOLA	32 KIPS	15 KIPS	0.00
	190.245			IDLE	0	12# REL	68# 28#	99	GM108	30 KIPS	0 KIPS	0.00
	190.232						68# 28#	100	GM6C	15 KIPS	0 KIPS	0.00

TIME	STATION	MPH	SPEED LMT	THRTLE RUN	AMPS	SETTING TRN	PIPE	BRAKES IND	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO
0:25: 4	190.988	0	2	IDLE	0	12#	REL	88# 28#	44:92 .04:2	1	SD40	-9 KIPS	0.02
	190.986							88# 28#		2	SD40	-18 KIPS	0.04
	190.973							88# 28#		3	GONDOLA	-17 KIPS	0.04
	190.829							88# 28#		22	GONDOLA	3 KIPS	0.00
	190.886							88# 28#		41	GONDOLA	15 KIPS	0.00
	190.542							88# 28#		60	GONDOLA	25 KIPS	0.00
	190.398							88# 28#		79	GONDOLA	37 KIPS	0.00
	190.254							88# 28#		98	GONDOLA	29 KIPS	0.00
HELPERS	190.246			IDLE	0	12#	REL	88# 28#		100	GM108	15 KIPS	0.00
	190.233							88# 28#			GM6C	0 KIPS	0.00
0:25: 5	190.999	0	2	IDLE	0	12#	REL	88# 28#	44:92 .04:2	1	SD40	-9 KIPS	0.02
	190.988							88# 28#		2	SD40	-18 KIPS	0.04
	190.974							88# 28#		3	GONDOLA	2 KIPS	0.04
	190.830							88# 28#		22	GONDOLA	13 KIPS	0.00
	190.888							88# 28#		41	GONDOLA	25 KIPS	0.00
	190.542							88# 28#		60	GONDOLA	37 KIPS	0.00
	190.388							88# 28#		79	GONDOLA	30 KIPS	0.00
	190.254							88# 28#		98	GM108	15 KIPS	0.00
HELPERS	190.247			IDLE	0	12#	REL	88# 28#		100	GM6C	0 KIPS	0.00
	190.234							88# 28#			SD40	-10 KIPS	0.02
0:25: 6	190.999	0	1	IDLE	0	12#	REL	88# 28#	44:92 .04:2	1	SD40	-19 KIPS	0.04
	190.987							88# 28#		2	GONDOLA	-43 KIPS	0.04
	190.974							88# 28#		3	GONDOLA	13 KIPS	0.00
	190.830							88# 28#		41	GONDOLA	25 KIPS	0.00
	190.888							88# 28#		60	GONDOLA	36 KIPS	0.00
	190.543							88# 28#		79	GONDOLA	29 KIPS	0.00
	190.398							88# 28#		98	GM108	15 KIPS	0.00
	190.255							88# 28#		100	GM6C	0 KIPS	0.00
HELPERS	190.247			IDLE	0	12#	REL	88# 28#		1	SD40	-9 KIPS	0.02
	190.234							88# 28#		2	SD40	-18 KIPS	0.04
0:25: 7	190.999	0	1	IDLE	0	12#	REL	88# 28#	43:92 .04:2	1	GONDOLA	-39 KIPS	0.04
	190.987							88# 28#		22	GONDOLA	11 KIPS	0.00
	190.975							88# 28#		41	GONDOLA	23 KIPS	0.00
	190.831							88# 28#		60	GONDOLA	35 KIPS	0.00
	190.887							88# 28#		79	GONDOLA	31 KIPS	0.00
	190.543							88# 28#		98	GM108	28 KIPS	0.00
	190.398							88# 28#		100	GM6C	15 KIPS	0.00
	190.255							88# 28#				0 KIPS	0.00
HELPERS	190.247			IDLE	0	12#	REL	88# 28#		1	SD40	-9 KIPS	0.02
	190.234							88# 28#		2	GONDOLA	-18 KIPS	0.04
								88# 28#		3	GONDOLA	-43 KIPS	0.04
								88# 28#		41	GONDOLA	12 KIPS	0.00
								88# 28#		60	GONDOLA	24 KIPS	0.00
								88# 28#		79	GONDOLA	36 KIPS	0.00
								88# 28#		98	GONDOLA	29 KIPS	0.00
								88# 28#		100	GM108	15 KIPS	0.00
								88# 28#			GM6C	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THTLT AMP'S SETTING	PRESSURE TRN IND PIPE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	FOR SPECIFIED VEHICLES		L/V RATIO	
								IDENTIFIER	DRAWBAR FORCES FORE AFT		
0:25: 8	190.999	0	0	IDLE	0 12# REL	68# 28# 43:92 .04:2	1	SD40	0 KIPS	-9 KIPS	0.02
	190.987				68# 28#		2	SD40	-9 KIPS	-18 KIPS	0.04
	190.975				68# 28#		3	GONDOLA	-18 KIPS	-34 KIPS	0.04
	190.831				68# 28#		22	GONDOLA	-30 KIPS	10 KIPS	0.00
	190.687				68# 28#		41	GONDOLA	11 KIPS	23 KIPS	0.00
	190.543				68# 28#		60	GONDOLA	22 KIPS	35 KIPS	0.00
	190.399				68# 28#		79	GONDOLA	34 KIPS	28 KIPS	0.00
	190.255				68# 28#		98	GONDOLA	30 KIPS	14 KIPS	0.00
HELPERS	190.247			IDLE	0 12# REL	68# 28#	99	GM10B	28 KIPS	0 KIPS	0.00
	190.234				68# 28#		100	GMBC	14 KIPS	0 KIPS	0.00

-----> STOP COMPUTER RUN

MAXIMUM FORCES FOR THIS CASE

MAX. DRAFT COUPLER FORCE: 194 KIPS ON VEH. 18 AT 0: 0: 4

MAX. BUFF COUPLER FORCE: -233 KIPS ON VEH. 99 AT 0: 9: 24

MAXIMUM L/V : 0.52 ON VEH. 99 AT 0: 9: 35



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TRAIN SUMMARY

LEAD LOCOMOTIVES	HELPER LOCOMOTIVES	CARS	TRAILING TONNAGE	TOTAL TONNAGE	TOTAL LENGTH
2	3	98	12098	13081	4165'

VEHICLE LISTING

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1- 2	LOCO (2)	SD40	65'	197T		M380	28"	12X40"	COMP/PL	J1.8
3- 98	CARS (98)	LG4	40'	126T		MK50	29"	8X38"	C.I.	AB
99-101	LOCO (3)	SD40	65'	197T		M380	28"	12X40"	COMP/PL	J1.8

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1- 2	LOCO (2)	SD40	85'	197T		M380	28"	12X40"	COMP/PL	J1.6

DYNAMIC BRAKES: TAPERED ; EXTENDED RANGE
 DYNAMIC BRAKE INTERLOCK (DBI) : NO RECOVERY AFTER DYNAMIC BRAKE OFF
 INDEPENDENT PRESSURE SWITCH (IPS) ACTIVATED AT: 15 P.S.I.

SPEED (MPH):	5	15	30	45	60	75
ENGINE TRACTIVE FORCE:	70000#	83202#	31000#	20222#	15188#	12133#
ENGINE H.P. AT RAIL:	833	2528	2480	2426	2426	2426
DYNAMIC BRAKE FORCE:	34534#	53988#	48601#	32400#	24300#	19440#
DYNAMIC H.P. AT RAIL:	460	2159	3888	3888	3888	3888

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POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
89-101	LOCO (3)	SD40	65'	197T		M380	28"	12X40"	COMP/PL	J1.6

DYNAMIC BRAKES: TAPERED ; EXTENDED RANGE
 DYNAMIC BRAKE INTERLOCK (DBI) : NO RECOVERY AFTER DYNAMIC BRAKE OFF
 INDEPENDENT PRESSURE SWITCH (IPS) ACTIVATED AT: 15 P.S.I.

SPEED (MPH):	5	15	30	45	60	75
ENGINE TRACTIVE FORCE:	70000#	63202#	31000#	20222#	15188#	12133#
ENGINE H.P. AT RAIL:	933	2528	2480	2426	2428	2428
DYNAMIC BRAKE FORCE:	34534#	53988#	48601#	32400#	24300#	19440#
DYNAMIC H.P. AT RAIL:	460	2159	3888	3888	3888	3888

TRANSITION SPEED: 24 MPH

STATION TIME	SPEED LMT	THLT RUN	AMPS	SETTING TRN	REL	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
						IND	PIPE				DRAWBAR FORCES FORE	AFT			
O: 0:30	182.897	0	4	RUN 1	246	REL	REL	80# 0#	-53:99	12:84	1	SD40	0 KIPS	17 KIPS	0.00
	182.884							80# 0#			2	SD40	17 KIPS	35 KIPS	0.00
	182.872							80# 0#			3	GONDOLA	35 KIPS	34 KIPS	0.00
	182.728							80# 0#			22	GONDOLA	11 KIPS	10 KIPS	0.10
	182.584							80# 0#			41	GONDOLA	-11 KIPS	-11 KIPS	0.09
	182.440							80# 0#			60	GONDOLA	-28 KIPS	-27 KIPS	0.11
	182.298							80# 0#			79	GONDOLA	-42 KIPS	-42 KIPS	0.12
	182.152							80# 0#			98	GONDOLA	-52 KIPS	-53 KIPS	0.10
HELPERS	182.145			RUN 1	252	REL	REL	80# 0#			99	GONDOLA	-53 KIPS	-35 KIPS	0.12
	182.132							80# 0#			100	SD40	-35 KIPS	-18 KIPS	0.11
-----> TRAIN ENTERING-0.31 % GRADE															
O: 0:40	182.908	0	5	RUN 1	221	REL	REL	80# 0#	-48:99	12:85	1	SD40	0 KIPS	14 KIPS	0.00
	182.898							80# 0#			2	SD40	14 KIPS	29 KIPS	0.00
	182.884							80# 0#			3	GONDOLA	29 KIPS	28 KIPS	0.00
	182.740							80# 0#			22	GONDOLA	16 KIPS	15 KIPS	0.10
	182.596							80# 0#			41	GONDOLA	27 KIPS	28 KIPS	0.09
	182.452							80# 0#			60	GONDOLA	-20 KIPS	-21 KIPS	0.10
	182.308							80# 0#			79	GONDOLA	-35 KIPS	-35 KIPS	0.11
	182.184							80# 0#			98	GONDOLA	-45 KIPS	-46 KIPS	0.09
HELPERS	182.158			RUN 1	225	REL	REL	80# 0#			99	SD40	-46 KIPS	-31 KIPS	0.10
	182.144							80# 0#			100	SD40	-31 KIPS	-15 KIPS	0.09
O: 0:50	182.922	0	5	RUN 1	203	REL	REL	80# 0#	-38:99	11:87	1	SD40	0 KIPS	13 KIPS	0.00
	182.910							80# 0#			2	SD40	13 KIPS	28 KIPS	0.00
	182.897							80# 0#			3	GONDOLA	28 KIPS	25 KIPS	0.00
	182.754							80# 0#			22	GONDOLA	16 KIPS	15 KIPS	0.10
	182.610							80# 0#			41	GONDOLA	5 KIPS	7 KIPS	0.10
	182.468							80# 0#			60	GONDOLA	-11 KIPS	-11 KIPS	0.09
	182.322							80# 0#			79	GONDOLA	-28 KIPS	-27 KIPS	0.11
	182.178							80# 0#			98	GONDOLA	-38 KIPS	-38 KIPS	0.07
HELPERS	182.170			RUN 1	202	REL	REL	80# 0#			99	SD40	-38 KIPS	-28 KIPS	0.09
	182.158							80# 0#			100	SD40	-28 KIPS	-13 KIPS	0.08
O: 1: 0	182.938	0	6	RUN 1	187	REL	REL	80# 0#	-33:99	11:89	1	SD40	0 KIPS	11 KIPS	0.00
	182.928							80# 0#			2	SD40	0 KIPS	23 KIPS	0.00
	182.914							80# 0#			3	GONDOLA	23 KIPS	22 KIPS	0.00
	182.770							80# 0#			22	GONDOLA	15 KIPS	14 KIPS	0.10
	182.628							80# 0#			41	GONDOLA	4 KIPS	-15 KIPS	0.09
	182.482							80# 0#			60	GONDOLA	-11 KIPS	-11 KIPS	0.09
	182.338							80# 0#			79	GONDOLA	-22 KIPS	-23 KIPS	0.11
	182.194							80# 0#			98	GONDOLA	-33 KIPS	-33 KIPS	0.08
HELPERS	182.188			RUN 1	185	REL	REL	80# 0#			99	SD40	-33 KIPS	-22 KIPS	0.07
	182.174							80# 0#			100	SD40	-22 KIPS	-11 KIPS	0.07

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STATION TIME	MP	SPEED LMT	THTL RUN	AMPS	SETTING TRN	PRESSURE IND	BRAKES PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
												FORE	AFT	
O: 1:10	182.956	0	7	RUN	1	172	REL	REL	80# 0#	1	SD40	0 KIPS	10 KIPS	0.00
	182.944								80# 0#	2	SD40	10 KIPS	20 KIPS	0.00
	182.932								80# 0#	3	GONDOLA	20 KIPS	19 KIPS	0.00
	182.788								80# 0#	22	GONDOLA	11 KIPS	11 KIPS	0.10
	182.644								80# 0#	41	GONDOLA	-14 KIPS	-12 KIPS	0.08
	182.500								80# 0#	60	GONDOLA	-11 KIPS	-12 KIPS	0.08
	182.356								80# 0#	79	GONDOLA	-22 KIPS	-22 KIPS	0.10
	182.212								80# 0#	98	GONDOLA	-28 KIPS	-28 KIPS	0.08
	182.204								80# 0#	98	SD40	-29 KIPS	-20 KIPS	0.07
	182.192								80# 0#	100	SD40	-20 KIPS	-10 KIPS	0.06
HELPERS	182.976								80# 0#	1	SD40	0 KIPS	9 KIPS	0.00
	182.964								80# 0#	2	SD40	8 KIPS	17 KIPS	0.00
	182.952								80# 0#	3	GONDOLA	17 KIPS	17 KIPS	0.00
	182.808								80# 0#	22	GONDOLA	10 KIPS	9 KIPS	0.08
	182.664								80# 0#	41	GONDOLA	-2 KIPS	-2 KIPS	0.08
	182.520								80# 0#	60	GONDOLA	-11 KIPS	-11 KIPS	0.08
	182.376								80# 0#	79	GONDOLA	-19 KIPS	-20 KIPS	0.10
	182.232								80# 0#	98	GONDOLA	-26 KIPS	-26 KIPS	0.05
	182.224								80# 0#	98	SD40	-26 KIPS	-18 KIPS	0.06
	182.212								80# 0#	100	SD40	-18 KIPS	-9 KIPS	0.05
O: 1:30	182.998	0	8	RUN	1	152	REL	REL	80# 0#	1	SD40	0 KIPS	8 KIPS	0.00
	182.986								80# 0#	2	SD40	8 KIPS	15 KIPS	0.00
	182.973								80# 0#	3	GONDOLA	15 KIPS	15 KIPS	0.00
	182.829								80# 0#	22	GONDOLA	12 KIPS	12 KIPS	0.09
	182.686								80# 0#	41	GONDOLA	17 KIPS	18 KIPS	0.09
	182.542								80# 0#	60	GONDOLA	-8 KIPS	-8 KIPS	0.09
	182.398								80# 0#	79	GONDOLA	-18 KIPS	-17 KIPS	0.10
	182.254								80# 0#	98	GONDOLA	-24 KIPS	-24 KIPS	0.11
	182.246								80# 0#	98	SD40	-24 KIPS	-18 KIPS	0.08
	182.234								80# 0#	100	SD40	-18 KIPS	-8 KIPS	0.05
HELPERS	183.021	0	9	RUN	1	146	REL	REL	80# 0#	1	SD40	0 KIPS	7 KIPS	0.00
	183.008								80# 0#	2	SD40	7 KIPS	14 KIPS	0.00
	182.997								80# 0#	3	GONDOLA	14 KIPS	14 KIPS	0.00
	182.853								80# 0#	22	GONDOLA	13 KIPS	13 KIPS	0.09
	182.709								80# 0#	41	GONDOLA	8 KIPS	6 KIPS	0.08
	182.565								80# 0#	60	GONDOLA	-4 KIPS	-5 KIPS	0.08
	182.421								80# 0#	79	GONDOLA	-13 KIPS	-13 KIPS	0.09
	182.277								80# 0#	98	GONDOLA	-21 KIPS	-22 KIPS	0.11
	182.270								80# 0#	98	SD40	-22 KIPS	-15 KIPS	0.14
	182.257								80# 0#	100	SD40	-15 KIPS	-7 KIPS	0.14

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	AFT	
0: 1:50	183.047	0	9	RUN	1	141	REL	REL	80#	0#	0 KIPS	7 KIPS	0.00
	183.034								80#	0#	7 KIPS	13 KIPS	0.00
	183.022								80#	0#	13 KIPS	13 KIPS	0.00
	182.878								80#	0#	13 KIPS	13 KIPS	0.00
	182.734								80#	0#	7 KIPS	6 KIPS	0.09
	182.590								80#	0#	-1 KIPS	-2 KIPS	0.09
	182.446								80#	0#	-10 KIPS	-10 KIPS	0.09
	182.302								80#	0#	-19 KIPS	-19 KIPS	0.10
HELPERS	182.295								80#	0#	-13 KIPS	-13 KIPS	0.14
	182.282								80#	0#	-7 KIPS	-7 KIPS	0.14
0: 2: 0	183.073	0	10	RUN	1	137	REL	REL	80#	0#	0 KIPS	6 KIPS	0.00
	183.061								80#	0#	6 KIPS	13 KIPS	0.00
	183.049								80#	0#	13 KIPS	13 KIPS	0.00
	182.905								80#	0#	12 KIPS	12 KIPS	0.00
	182.761								80#	0#	7 KIPS	6 KIPS	0.09
	182.617								80#	0#	-1 KIPS	-1 KIPS	0.09
	182.473								80#	0#	-9 KIPS	-9 KIPS	0.09
HELPERS	182.329								80#	0#	-17 KIPS	-17 KIPS	0.10
	182.321								80#	0#	-11 KIPS	-11 KIPS	0.14
0: 2: 10	183.101	0	10	RUN	1	134	REL	REL	80#	0#	-11 KIPS	-8 KIPS	0.14
	183.089								80#	0#	0 KIPS	6 KIPS	0.00
	183.077								80#	0#	6 KIPS	12 KIPS	0.00
	182.933								80#	0#	12 KIPS	12 KIPS	0.00
	182.789								80#	0#	11 KIPS	11 KIPS	0.00
	182.645								80#	0#	6 KIPS	6 KIPS	0.09
	182.501								80#	0#	-2 KIPS	-2 KIPS	0.09
	182.357								80#	0#	-8 KIPS	-9 KIPS	0.09
HELPERS	182.349								80#	0#	-16 KIPS	-16 KIPS	0.10
	182.337								80#	0#	-11 KIPS	-11 KIPS	0.14
0: 2: 20	183.131	0	11	RUN	1	131	REL	REL	80#	0#	-11 KIPS	-5 KIPS	0.14
	183.119								80#	0#	0 KIPS	6 KIPS	0.00
	183.106								80#	0#	6 KIPS	11 KIPS	0.00
	182.962								80#	0#	11 KIPS	11 KIPS	0.00
	182.819								80#	0#	10 KIPS	10 KIPS	0.00
	182.675								80#	0#	7 KIPS	7 KIPS	0.09
	182.531								80#	0#	-1 KIPS	-1 KIPS	0.09
	182.387								80#	0#	-8 KIPS	-8 KIPS	0.09
HELPERS	182.379								80#	0#	-15 KIPS	-15 KIPS	0.10
	182.367								80#	0#	-10 KIPS	-10 KIPS	0.14

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND PIPE	PRESSURE CYL	BRAKES (AND LOCATION) KIPS:CAR L/V:CAR	MAXIMUMS	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABBAR FORCES FORE	FORCES AFT	
0: 2:30	183.182	0	12	RUN	1	127	REL REL	80# 0# -15:99 .14:99	1	SD40	0 KIPS	5 KIPS	0.00
	183.150						80# 0#		2	SD40	5 KIPS	11 KIPS	0.00
	183.138						80# 0#		3	GONDOLA	11 KIPS	11 KIPS	0.00
	182.994						80# 0#		22	GONDOLA	9 KIPS	9 KIPS	0.00
	182.850						80# 0#		41	GONDOLA	8 KIPS	8 KIPS	0.08
	182.708						80# 0#		60	GONDOLA	10 KIPS	10 KIPS	0.08
	182.582						80# 0#		79	GONDOLA	-8 KIPS	-8 KIPS	0.08
	182.418						80# 0#		98	GONDOLA	-14 KIPS	-15 KIPS	0.10
	182.410						80# 0#		99	SD40	-15 KIPS	-10 KIPS	0.14
	182.398						80# 0#	-14:99 .14:99	100	SD40	-10 KIPS	-5 KIPS	0.13
HELPERS	183.195	0	12	RUN	1	125	REL REL	80# 0#	1	SD40	0 KIPS	5 KIPS	0.00
	183.183						80# 0#		2	SD40	5 KIPS	10 KIPS	0.00
	183.171						80# 0#		3	GONDOLA	10 KIPS	10 KIPS	0.00
	183.027						80# 0#		22	GONDOLA	9 KIPS	9 KIPS	0.00
	182.883						80# 0#		41	GONDOLA	8 KIPS	8 KIPS	0.00
	182.739						80# 0#		60	GONDOLA	9 KIPS	10 KIPS	0.08
	182.595						80# 0#		79	GONDOLA	-6 KIPS	-7 KIPS	0.08
	182.451						80# 0#		98	GONDOLA	-13 KIPS	-14 KIPS	0.10
	182.443						80# 0#		99	SD40	-14 KIPS	-9 KIPS	0.14
	182.431						80# 0#	-13:99 .13:99	100	SD40	-9 KIPS	-5 KIPS	0.13
0: 2:50	183.229	0	13	RUN	1	122	REL REL	80# 0#	1	SD40	0 KIPS	5 KIPS	0.00
	183.217						80# 0#		2	SD40	5 KIPS	10 KIPS	0.00
	183.205						80# 0#		3	GONDOLA	10 KIPS	10 KIPS	0.00
	183.081						80# 0#		22	GONDOLA	9 KIPS	9 KIPS	0.00
	182.917						80# 0#		41	GONDOLA	8 KIPS	8 KIPS	0.00
	182.773						80# 0#		60	GONDOLA	4 KIPS	4 KIPS	0.08
	182.629						80# 0#		79	GONDOLA	-5 KIPS	-5 KIPS	0.08
	182.485						80# 0#		98	GONDOLA	-13 KIPS	-13 KIPS	0.10
	182.478						80# 0#		99	SD40	-13 KIPS	-9 KIPS	0.13
	182.465						80# 0#	-12:99 .13:99	100	SD40	-9 KIPS	-4 KIPS	0.13
HELPERS	183.285	0	13	RUN	1	122	REL REL	80# 0#	1	SD40	0 KIPS	5 KIPS	0.00
	183.253						80# 0#		2	SD40	5 KIPS	9 KIPS	0.00
	183.241						80# 0#		3	GONDOLA	9 KIPS	9 KIPS	0.00
	183.097						80# 0#		22	GONDOLA	8 KIPS	8 KIPS	0.00
	182.953						80# 0#		41	GONDOLA	8 KIPS	8 KIPS	0.00
	182.809						80# 0#		60	GONDOLA	5 KIPS	5 KIPS	0.08
	182.665						80# 0#		79	GONDOLA	-3 KIPS	-4 KIPS	0.08
	182.521						80# 0#		98	GONDOLA	-12 KIPS	-12 KIPS	0.10
	182.513						80# 0#		99	SD40	-12 KIPS	-8 KIPS	0.13
	182.501						80# 0#		100	SD40	-8 KIPS	-4 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	FORCES AFT	
O: 3:10	183.303	0	14	RUN	1	118	REL	REL	80#	0#	0#	0#	0.00
	183.291								80#	0#	0#	0#	0.00
	183.278								80#	0#	0#	0#	0.00
	183.134								80#	0#	0#	0#	0.00
	182.890								80#	0#	0#	0#	0.00
HELPERS	182.846								80#	0#	0#	0#	0.08
	182.702								80#	0#	0#	0#	0.08
	182.559								80#	0#	0#	0#	0.13
	182.551								80#	0#	0#	0#	0.13
	182.539								80#	0#	0#	0#	0.13
O: 3:20	183.342	0	14	RUN	1	116	REL	REL	80#	0#	0#	0#	0.00
	183.330								80#	0#	0#	0#	0.00
	183.317								80#	0#	0#	0#	0.00
	183.173								80#	0#	0#	0#	0.00
	183.029								80#	0#	0#	0#	0.00
HELPERS	182.885								80#	0#	0#	0#	0.00
	182.742								80#	0#	0#	0#	0.09
	182.598								80#	0#	0#	0#	0.13
	182.590								80#	0#	0#	0#	0.13
	182.578								80#	0#	0#	0#	0.13
O: 3:30	183.370	0	15	RUN	1	114	REL	REL	80#	0#	0#	0#	0.00
	183.358								80#	0#	0#	0#	0.00
	183.214								80#	0#	0#	0#	0.00
	183.070								80#	0#	0#	0#	0.00
	182.926								80#	0#	0#	0#	0.00
HELPERS	182.782								80#	0#	0#	0#	0.08
	182.638								80#	0#	0#	0#	0.13
	182.631								80#	0#	0#	0#	0.13
	182.618								80#	0#	0#	0#	0.13
	183.425	0	16	RUN	1	112	REL	REL	80#	0#	0#	0#	0.00
O: 3:40	183.412								80#	0#	0#	0#	0.00
	183.400								80#	0#	0#	0#	0.00
	183.258								80#	0#	0#	0#	0.00
	183.112								80#	0#	0#	0#	0.00
	182.868								80#	0#	0#	0#	0.00
HELPERS	182.824								80#	0#	0#	0#	0.08
	182.680								80#	0#	0#	0#	0.13
	182.673								80#	0#	0#	0#	0.13
	182.661								80#	0#	0#	0#	0.13

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TIME	STATION MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0: 3:50	183.489	0	18	1	110	REL	REL	80# 0#	1	SD40	0 KIPS	4 KIPS	0.00
	183.456							80# 0#	2	SD40	4 KIPS	7 KIPS	0.00
	183.444							80# 0#	3	GONDOLA	7 KIPS	5 KIPS	0.00
	183.300							80# 0#	22	GONDOLA	6 KIPS	4 KIPS	0.00
	183.158							80# 0#	41	GONDOLA	4 KIPS	2 KIPS	0.00
HELPERS	183.012							80# 0#	60	GONDOLA	2 KIPS	6 KIPS	0.08
	182.868							80# 0#	79	GONDOLA	8 KIPS	-10 KIPS	0.13
	182.724							80# 0#	98	GONDOLA	-9 KIPS	-8 KIPS	0.12
	182.717							80# 0#	100	SD40	-10 KIPS	-3 KIPS	0.00
	182.704							80# 0#	1	SD40	0 KIPS	4 KIPS	0.00
0: 4: 0	183.514	0	17	1	109	REL	REL	80# 0#	2	SD40	4 KIPS	7 KIPS	0.00
	183.502							80# 0#	3	GONDOLA	7 KIPS	5 KIPS	0.00
	183.490							80# 0#	22	GONDOLA	5 KIPS	4 KIPS	0.00
	183.348							80# 0#	41	GONDOLA	4 KIPS	2 KIPS	0.00
	183.202							80# 0#	60	GONDOLA	2 KIPS	0 KIPS	0.00
HELPERS	183.058							80# 0#	79	GONDOLA	0 KIPS	-8 KIPS	0.09
	182.914							80# 0#	98	GONDOLA	-8 KIPS	-3 KIPS	0.12
	182.770							80# 0#	100	SD40	-6 KIPS	3 KIPS	0.00
	182.782							80# 0#	1	SD40	0 KIPS	7 KIPS	0.00
	182.750							80# 0#	2	SD40	3 KIPS	5 KIPS	0.00
0: 4:10	183.549	0	17	1	108	REL	REL	80# 0#	3	GONDOLA	7 KIPS	3 KIPS	0.00
	183.537							80# 0#	22	GONDOLA	5 KIPS	2 KIPS	0.00
	183.393							80# 0#	41	GONDOLA	3 KIPS	-13 KIPS	0.00
	183.249							80# 0#	60	GONDOLA	2 KIPS	-8 KIPS	0.09
	183.105							80# 0#	79	GONDOLA	-7 KIPS	-5 KIPS	0.12
HELPERS	182.961							80# 0#	98	GONDOLA	-8 KIPS	-3 KIPS	0.12
	182.817							80# 0#	100	SD40	-5 KIPS	0 KIPS	0.00
	182.810							80# 0#	1	SD40	0 KIPS	7 KIPS	0.00
	182.797							80# 0#	2	SD40	3 KIPS	5 KIPS	0.00
	183.610	0	18	1	107	REL	REL	80# 0#	3	GONDOLA	7 KIPS	3 KIPS	0.00
0: 4:20	183.598							80# 0#	22	GONDOLA	5 KIPS	2 KIPS	0.00
	183.586							80# 0#	41	GONDOLA	3 KIPS	-27 KIPS	0.00
	183.442							80# 0#	60	GONDOLA	1 KIPS	-7 KIPS	0.00
	183.298							80# 0#	79	GONDOLA	-8 KIPS	-5 KIPS	0.12
	183.154							80# 0#	98	GONDOLA	-8 KIPS	-3 KIPS	0.12
HELPERS	183.010							80# 0#	100	SD40	-5 KIPS	0 KIPS	0.00
	182.866							80# 0#	1	SD40	0 KIPS	7 KIPS	0.00
	182.859							80# 0#	2	SD40	3 KIPS	5 KIPS	0.00
	182.846							80# 0#	3	GONDOLA	7 KIPS	3 KIPS	0.00
								80# 0#	22	GONDOLA	5 KIPS	-27 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS	SETTING TRN IN	PIPE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE	AFT	L/V RATIO
0: 4:30	183.861	0	19	1	105	REL	REL	1	SD40	0 KIPS	3 KIPS	0.00
	183.849							2	SD40	3 KIPS	6 KIPS	0.00
	183.837							3	GONDOLA	6 KIPS	6 KIPS	0.00
	183.493							22	GONDOLA	4 KIPS	4 KIPS	0.00
	183.349							41	GONDOLA	2 KIPS	2 KIPS	0.00
	183.205							60	GONDOLA	-25 KIPS	-25 KIPS	0.00
	183.081							79	GONDOLA	-6 KIPS	-6 KIPS	0.00
	182.917							98	GONDOLA	-9 KIPS	-9 KIPS	0.02
HELPERS	182.909							99	SD40	-8 KIPS	-8 KIPS	0.02
	182.897							100	SD40	-3 KIPS	-3 KIPS	0.11
0: 4:40	183.714	0	19	1	104	REL	REL	1	SD40	0 KIPS	3 KIPS	0.00
	183.701							2	SD40	3 KIPS	6 KIPS	0.00
	183.689							3	GONDOLA	6 KIPS	6 KIPS	0.00
	183.545							22	GONDOLA	3 KIPS	3 KIPS	0.00
	183.401							41	GONDOLA	-25 KIPS	-25 KIPS	0.00
	183.257							60	GONDOLA	-4 KIPS	-4 KIPS	0.00
	183.113							79	GONDOLA	-6 KIPS	-6 KIPS	0.00
	182.969							98	GONDOLA	-9 KIPS	-9 KIPS	0.02
HELPERS	182.962							99	SD40	-8 KIPS	-8 KIPS	0.02
	182.949							100	SD40	-3 KIPS	-3 KIPS	0.02
-----> RUN 3												
0: 4:41	183.719	0	19	3	119	REL	REL	1	SD40	0 KIPS	3 KIPS	0.00
	183.707							2	SD40	3 KIPS	6 KIPS	0.00
	183.694							3	GONDOLA	6 KIPS	5 KIPS	0.00
	183.550							22	GONDOLA	2 KIPS	2 KIPS	0.00
	183.406							41	GONDOLA	-2 KIPS	-1 KIPS	0.00
	183.262							60	GONDOLA	-4 KIPS	-4 KIPS	0.00
	183.119							79	GONDOLA	-8 KIPS	-8 KIPS	0.00
	182.975							98	GONDOLA	-9 KIPS	-9 KIPS	0.02
HELPERS	182.967							99	SD40	-8 KIPS	-8 KIPS	0.02
	182.955							100	SD40	-3 KIPS	-3 KIPS	0.02
0: 4:42	183.724	0	19	3	140	REL	REL	1	SD40	0 KIPS	4 KIPS	0.00
	183.712							2	SD40	4 KIPS	9 KIPS	0.00
	183.700							3	GONDOLA	8 KIPS	8 KIPS	0.00
	183.558							22	GONDOLA	3 KIPS	2 KIPS	0.00
	183.412							41	GONDOLA	-2 KIPS	-2 KIPS	0.00
	183.268							60	GONDOLA	-6 KIPS	-6 KIPS	0.00
	183.124							79	GONDOLA	-10 KIPS	-10 KIPS	0.01
	182.980							98	GONDOLA	-14 KIPS	-14 KIPS	0.03
HELPERS	182.972							99	SD40	-9 KIPS	-9 KIPS	0.03
	182.960							100	SD40	-8 KIPS	-5 KIPS	0.03

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STATION TIME	MP	SPEED LMT	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	FORCES AFT	
O: 4:50	183.768	0	20	RUN	3	297	REL	REL	80#	0#	0#	0#	0.00
	183.756								80#	0#	0#	0#	0.00
	183.744								80#	0#	0#	0#	0.00
	183.800								80#	0#	0#	0#	0.00
	183.456								80#	0#	0#	0#	0.01
	183.312								80#	0#	0#	0#	0.03
	183.168								80#	0#	0#	0#	0.05
	183.024								80#	0#	0#	0#	0.10
	183.016								80#	0#	0#	0#	0.12
	183.004								80#	0#	0#	0#	0.11
-----> TRAIN ENTERING 3.00 DEGREE CURVE													
O: 5: 0	183.826	0	21	RUN	3	285	REL	REL	80#	0#	0#	0#	0.13
	183.814								80#	0#	0#	0#	0.13
	183.802								80#	0#	0#	0#	0.08
	183.658								80#	0#	0#	0#	0.00
	183.514								80#	0#	0#	0#	0.01
	183.370								80#	0#	0#	0#	0.03
	183.226								80#	0#	0#	0#	0.04
	183.082								80#	0#	0#	0#	0.10
	183.074								80#	0#	0#	0#	0.12
	183.062								80#	0#	0#	0#	0.11
O: 5:10	183.887	0	23	RUN	3	275	REL	REL	80#	0#	0#	0#	0.13
	183.875								80#	0#	0#	0#	0.13
	183.863								80#	0#	0#	0#	0.09
	183.719								80#	0#	0#	0#	0.00
	183.575								80#	0#	0#	0#	0.02
	183.431								80#	0#	0#	0#	0.04
	183.287								80#	0#	0#	0#	0.09
	183.143								80#	0#	0#	0#	0.10
	183.136								80#	0#	0#	0#	0.12
	183.123								80#	0#	0#	0#	0.13
O: 5:20	183.952	0	24	RUN	3	267	REL	REL	80#	0#	0#	0#	0.13
	183.940								80#	0#	0#	0#	0.09
	183.827								80#	0#	0#	0#	0.00
	183.783								80#	0#	0#	0#	0.00
	183.639								80#	0#	0#	0#	0.00
	183.495								80#	0#	0#	0#	0.02
	183.352								80#	0#	0#	0#	0.04
	183.208								80#	0#	0#	0#	0.09
	183.200								80#	0#	0#	0#	0.10
	183.188								80#	0#	0#	0#	0.09

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	BRKES IND	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES AFT	L/V RATIO
SDG M 184												
0: 5:27	184.000	0	24	RUN 3	171	REL	REL	-44:99 .12:2	1	SD40	0 KIPS	0.12
	183.988								2	SD40	14 KIPS	0.12
	183.975								3	GONDOLA	28 KIPS	0.09
	183.831								22	GONDOLA	8 KIPS	0.08
	183.687								41	GONDOLA	-9 KIPS	0.01
	183.544								60	GONDOLA	-21 KIPS	0.02
	183.400								79	GONDOLA	-32 KIPS	0.04
	183.258								98	GONDOLA	-44 KIPS	0.09
	183.248								98	SD40	-30 KIPS	0.10
HELPERS	183.238								100	SD40	-15 KIPS	0.08
	183.238								1	SD40	7 KIPS	0.12
0: 5:28	184.007	0	25	RUN 3	156	REL	REL	-17:99 .12:2	2	SD40	15 KIPS	0.12
	183.994								3	SD40	14 KIPS	0.09
	183.882								22	GONDOLA	2 KIPS	0.08
	183.838								41	GONDOLA	-4 KIPS	0.00
	183.694								60	GONDOLA	-8 KIPS	0.01
	183.550								79	GONDOLA	-13 KIPS	0.01
	183.406								98	GONDOLA	-18 KIPS	0.03
	183.262								98	SD40	-11 KIPS	0.04
HELPERS	183.256								100	SD40	-6 KIPS	0.03
	183.243											
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
0: 5:29	184.014	0	25	RUN 3	108	REL	REL	-22:99 .12:2	1	SD40	4 KIPS	0.12
	184.001								2	SD40	8 KIPS	0.12
	183.989								3	GONDOLA	8 KIPS	0.09
	183.845								22	GONDOLA	1 KIPS	0.08
	183.701								41	GONDOLA	-5 KIPS	0.00
	183.557								60	GONDOLA	-11 KIPS	0.01
	183.413								79	GONDOLA	-18 KIPS	0.02
	183.269								98	GONDOLA	-21 KIPS	0.04
HELPERS	183.262								98	SD40	-22 KIPS	0.08
	183.249								100	SD40	-7 KIPS	0.04
0: 5:30	184.019	0	25	RUN 3	145	REL	REL	-27:99 .12:2	1	SD40	0 KIPS	0.00
	184.007								2	SD40	5 KIPS	0.12
	183.995								3	GONDOLA	10 KIPS	0.08
	183.851								22	GONDOLA	1 KIPS	0.08
	183.707								41	GONDOLA	-7 KIPS	0.01
	183.563								60	GONDOLA	-14 KIPS	0.02
	183.419								79	GONDOLA	-20 KIPS	0.02
	183.275								98	GONDOLA	-26 KIPS	0.06
HELPERS	183.267								99	SD40	-18 KIPS	0.06
	183.255								100	SD40	-9 KIPS	0.05

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STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRANBAR FORCES		L/V RATIO
										FORE	AFT	
0: 5:31	134.026	0	25	RUN	3	170	REL REL	80#	0#	0#	7 KIPS	0.00
	184.014							80#	0#	0#	13 KIPS	0.11
	184.002							80#	0#	0#	13 KIPS	0.08
	183.858							80#	0#	0#	1 KIPS	0.08
	183.714							80#	0#	0#	-8 KIPS	0.01
HELPERS	183.570							80#	0#	0#	-18 KIPS	0.02
	183.426							80#	0#	0#	-23 KIPS	0.03
	183.282							80#	0#	0#	-30 KIPS	0.08
	183.274							80#	0#	0#	-20 KIPS	0.07
	183.262							80#	0#	0#	-10 KIPS	0.08
0: 5:32	184.033							80#	0#	0#	0 KIPS	0.00
	184.021							80#	0#	0#	8 KIPS	0.00
	184.008							80#	0#	0#	17 KIPS	0.08
	183.865							80#	0#	0#	2 KIPS	0.08
	183.721							80#	0#	0#	-8 KIPS	0.01
HELPERS	183.577							80#	0#	0#	-17 KIPS	0.02
	183.433							80#	0#	0#	-26 KIPS	0.03
	183.289							80#	0#	0#	-33 KIPS	0.08
	183.231							80#	0#	0#	-22 KIPS	0.08
	183.268							80#	0#	0#	-11 KIPS	0.07
0: 5:40	184.058							80#	0#	0#	0 KIPS	0.00
	184.077							80#	0#	0#	13 KIPS	0.00
	184.095							80#	0#	0#	26 KIPS	0.00
	183.921							80#	0#	0#	10 KIPS	0.08
	183.777							80#	0#	0#	-12 KIPS	0.01
HELPERS	183.633							80#	0#	0#	-22 KIPS	0.03
	183.489							80#	0#	0#	-32 KIPS	0.04
	183.345							80#	0#	0#	-42 KIPS	0.08
	183.337							80#	0#	0#	-28 KIPS	0.10
	183.325							80#	0#	0#	-18 KIPS	0.08
0: 5:43	184.110							80#	0#	0#	0 KIPS	0.00
	184.098							80#	0#	0#	13 KIPS	0.00
	184.085							80#	0#	0#	26 KIPS	0.00
	183.941							80#	0#	0#	11 KIPS	0.08
	183.797							80#	0#	0#	-10 KIPS	0.08
HELPERS	183.654							80#	0#	0#	-21 KIPS	0.02
	183.510							80#	0#	0#	-31 KIPS	0.04
	183.366							80#	0#	0#	-41 KIPS	0.08
	183.358							80#	0#	0#	-28 KIPS	0.08
	183.348							80#	0#	0#	-14 KIPS	0.08

-----> RUN 5

STATION TIME	MP	SPEED LMT RUN	THILE RUN	AMPS 5	SETTING REL	TRN REL	IND REL	PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0: 5:44	184.117	0	28	RUN	5	282	REL	REL	80#	0#	1	SD40	0 KIPS	0.00
	184.105								80#	0#	2	SD40	13 KIPS	0.00
	184.093								80#	0#	3	GONDOLA	26 KIPS	0.00
	183.949								80#	0#	22	GONDOLA	11 KIPS	0.08
	183.805								80#	0#	41	GONDOLA	-7 KIPS	0.08
	183.661								80#	0#	60	GONDOLA	-18 KIPS	0.02
	183.517								80#	0#	79	GONDOLA	-30 KIPS	0.03
	183.373								80#	0#	98	GONDOLA	-41 KIPS	0.08
HELPERS	183.385								80#	0#	99	SD40	-27 KIPS	0.08
	183.353								80#	0#	100	SD40	-14 KIPS	0.08
0: 5:45	184.124	0	28	RUN	5	277	REL	REL	80#	0#	1	SD40	0 KIPS	0.00
	184.112								80#	0#	2	SD40	12 KIPS	0.00
	184.100								80#	0#	3	GONDOLA	26 KIPS	0.00
	183.956								80#	0#	22	GONDOLA	12 KIPS	0.08
	183.812								80#	0#	41	GONDOLA	-8 KIPS	0.08
	183.668								80#	0#	60	GONDOLA	-20 KIPS	0.02
	183.524								80#	0#	79	GONDOLA	-32 KIPS	0.04
	183.380								80#	0#	98	GONDOLA	-44 KIPS	0.08
HELPERS	183.373								80#	0#	99	SD40	-28 KIPS	0.10
	183.360								80#	0#	100	SD40	-15 KIPS	0.09
-----> TRAIN ENTERING 1.31 % GRADE														
0: 5:50	184.162	0	27	RUN	5	471	REL	REL	80#	0#	1	SD40	0 KIPS	0.00
	184.150								80#	0#	2	SD40	25 KIPS	0.00
	184.137								80#	0#	3	GONDOLA	45 KIPS	0.00
	183.993								80#	0#	22	GONDOLA	21 KIPS	0.08
	183.849								80#	0#	41	GONDOLA	-5 KIPS	0.08
	183.705								80#	0#	60	GONDOLA	-33 KIPS	0.04
	183.561								80#	0#	79	GONDOLA	-81 KIPS	0.07
	183.418								80#	0#	98	GONDOLA	-90 KIPS	0.17
HELPERS	183.410								80#	0#	99	SD40	-80 KIPS	0.20
	183.398								80#	0#	100	SD40	-30 KIPS	0.18
-----> TRAIN ENTERING 3.50 DEGREE CURVE														
0: 6: 0	184.238	0	28	RUN	5	481	REL	REL	80#	0#	1	SD40	0 KIPS	0.12
	184.226								80#	0#	2	SD40	25 KIPS	0.03
	184.214								80#	0#	3	GONDOLA	50 KIPS	0.00
	184.070								80#	0#	22	GONDOLA	-90 KIPS	0.08
	183.926								80#	0#	41	GONDOLA	-24 KIPS	0.09
	183.782								80#	0#	60	GONDOLA	-48 KIPS	0.06
	183.638								80#	0#	79	GONDOLA	-88 KIPS	0.08
	183.494								80#	0#	98	GONDOLA	-88 KIPS	0.17
HELPERS	183.486								80#	0#	99	SD40	-90 KIPS	0.20
	183.474								80#	0#	100	SD40	-31 KIPS	0.18

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PAGE NO 17

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 5	SETTING REL	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER	DRAWBAR FORCES		L/V RATIO		
						TRN IND	PIPE CYL				FORE	AFT			
O: 6:10	184.318	0	29	RUN 5	442	REL	REL	80# 0#	-112:14	.21:99	1	SD40	0 KIPS	34 KIPS	0.11
	184.305							80# 0#			2	SD40	34 KIPS	87 KIPS	0.14
	184.293							80# 0#			3	GONDOLA	87 KIPS	88 KIPS	0.12
	184.149							80# 0#			22	GONDOLA	-68 KIPS	-68 KIPS	0.07
	184.005							80# 0#			41	GONDOLA	-74 KIPS	-74 KIPS	0.14
HELPERS	183.881							80# 0#			80	GONDOLA	-83 KIPS	-84 KIPS	0.16
	183.717							80# 0#			79	GONDOLA	-88 KIPS	-89 KIPS	0.10
	183.573							80# 0#			98	GONDOLA	-93 KIPS	-93 KIPS	0.18
	183.566			RUN 5	442	REL	REL	80# 0#			99	SD40	-93 KIPS	-93 KIPS	0.21
	183.554							80# 0#			100	SD40	-93 KIPS	-33 KIPS	0.19
O: 6:20	184.399	0	30	RUN 5	433	REL	REL	80# 0#	-98:34	.21:99	1	SD40	0 KIPS	25 KIPS	0.10
	184.387							80# 0#			2	SD40	25 KIPS	49 KIPS	0.14
	184.375							80# 0#			3	GONDOLA	49 KIPS	46 KIPS	0.13
	184.231							80# 0#			22	GONDOLA	-58 KIPS	-82 KIPS	0.08
	184.087							80# 0#			41	GONDOLA	-96 KIPS	-96 KIPS	0.11
HELPERS	183.943							80# 0#			80	GONDOLA	-98 KIPS	-98 KIPS	0.17
	183.799							80# 0#			79	GONDOLA	-97 KIPS	-97 KIPS	0.17
	183.655							80# 0#			98	GONDOLA	-93 KIPS	-93 KIPS	0.17
	183.647			RUN 5	436	REL	REL	80# 0#			99	SD40	-83 KIPS	-83 KIPS	0.21
	183.635							80# 0#			100	SD40	-83 KIPS	-33 KIPS	0.19
O: 6:25	184.440	0	30	RUN 5	436	REL	REL	80# 0#	-104:43	.20:99	1	SD40	0 KIPS	24 KIPS	0.10
	184.428							80# 0#			2	SD40	24 KIPS	49 KIPS	0.14
	184.415							80# 0#			3	GONDOLA	49 KIPS	45 KIPS	0.13
	184.271							80# 0#			22	GONDOLA	-28 KIPS	-32 KIPS	0.11
	184.127							80# 0#			41	GONDOLA	-100 KIPS	-104 KIPS	0.12
HELPERS	183.984							80# 0#			80	GONDOLA	-98 KIPS	-99 KIPS	0.18
	183.840							80# 0#			79	GONDOLA	-97 KIPS	-97 KIPS	0.18
	183.696							80# 0#			98	GONDOLA	-92 KIPS	-92 KIPS	0.17
	183.688			RUN 5	434	REL	REL	80# 0#			99	SD40	-92 KIPS	-82 KIPS	0.20
	183.676							80# 0#			100	SD40	-82 KIPS	-32 KIPS	0.18
-----> RUN 6															
O: 6:26	184.448	0	30	RUN 6	444	REL	REL	80# 0#	-112:44	.21:99	1	SD40	0 KIPS	23 KIPS	0.10
	184.436							80# 0#			2	SD40	23 KIPS	46 KIPS	0.14
	184.424							80# 0#			3	GONDOLA	46 KIPS	43 KIPS	0.12
	184.280							80# 0#			22	GONDOLA	-35 KIPS	-39 KIPS	0.12
	184.136							80# 0#			41	GONDOLA	-105 KIPS	-108 KIPS	0.12
HELPERS	183.992							80# 0#			80	GONDOLA	-105 KIPS	-104 KIPS	0.18
	183.848							80# 0#			79	GONDOLA	-100 KIPS	-100 KIPS	0.18
	183.704							80# 0#			98	GONDOLA	-93 KIPS	-93 KIPS	0.17
	183.696			RUN 6	441	REL	REL	80# 0#			99	SD40	-83 KIPS	-82 KIPS	0.21
	183.684							80# 0#			100	SD40	-82 KIPS	-32 KIPS	0.18

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN	BRAKES IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	AFT	
O: 8:30	184.482	0	30	RUN	6	459	REL	REL	1	SD40	0 KIPS	23 KIPS	0.10
	184.489								2	SD40	23 KIPS	47 KIPS	0.14
	184.487								3	GONDOLA	47 KIPS	42 KIPS	0.12
	184.313								22	GONDOLA	-41 KIPS	-45 KIPS	0.13
	184.169								41	GONDOLA	-109 KIPS	-112 KIPS	0.12
	184.025								60	GONDOLA	-120 KIPS	-118 KIPS	0.19
	183.881								78	GONDOLA	-110 KIPS	-110 KIPS	0.18
	183.737								98	GONDOLA	-99 KIPS	-99 KIPS	0.18
	183.730								99	SD40	-87 KIPS	-87 KIPS	0.22
	183.717								100	SD40	-34 KIPS	-34 KIPS	0.18
HELPERS	184.564	0	29	RUN	6	469	REL	REL	1	SD40	0 KIPS	27 KIPS	0.10
	184.552								2	SD40	27 KIPS	54 KIPS	0.14
	184.538								3	GONDOLA	54 KIPS	51 KIPS	0.14
	184.385								22	GONDOLA	-32 KIPS	-38 KIPS	0.11
	184.251								41	GONDOLA	-100 KIPS	-103 KIPS	0.19
	184.107								60	GONDOLA	-132 KIPS	-131 KIPS	0.15
	183.964								78	GONDOLA	-115 KIPS	-114 KIPS	0.19
	183.820								98	GONDOLA	-101 KIPS	-100 KIPS	0.25
	183.812								99	SD40	-100 KIPS	-88 KIPS	0.28
	183.800								100	SD40	-68 KIPS	-35 KIPS	0.23
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
O: 6:50	184.845	0	28	RUN	6	473	REL	REL	1	SD40	0 KIPS	28 KIPS	0.10
	184.633								2	SD40	28 KIPS	58 KIPS	0.14
	184.620								3	GONDOLA	58 KIPS	54 KIPS	0.10
	184.478								22	GONDOLA	-23 KIPS	-23 KIPS	0.09
	184.333								41	GONDOLA	-81 KIPS	-84 KIPS	0.19
	184.189								60	GONDOLA	-137 KIPS	-140 KIPS	0.15
	184.045								78	GONDOLA	-125 KIPS	-123 KIPS	0.20
	183.901								98	GONDOLA	-104 KIPS	-103 KIPS	0.22
	183.893								99	SD40	-103 KIPS	-69 KIPS	0.25
	183.881								100	SD40	-89 KIPS	-38 KIPS	0.22
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
O: 7: 0	184.724	0	28	RUN	6	487	REL	REL	1	SD40	0 KIPS	29 KIPS	0.13
	184.712								2	SD40	29 KIPS	58 KIPS	0.15
	184.700								3	GONDOLA	58 KIPS	55 KIPS	0.17
	184.558								22	GONDOLA	14 KIPS	18 KIPS	0.08
	184.412								41	GONDOLA	-53 KIPS	-57 KIPS	0.14
	184.268								60	GONDOLA	-111 KIPS	-113 KIPS	0.22
	184.124								78	GONDOLA	-139 KIPS	-141 KIPS	0.15
	183.980								98	GONDOLA	-110 KIPS	-108 KIPS	0.22
	183.972								99	SD40	-108 KIPS	-73 KIPS	0.25
	183.960								100	SD40	-73 KIPS	-37 KIPS	0.23
RUN 6 488 REL REL													

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STATION TIME	MP	SPEED LMT RUN	THLTL TRN	AMPS IND	BRAKES PIPE	SETTING CYL	PRESSURE L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRANBAR FORCES	AFT	
O: 7:10	184.800	0	27	RUN	8	500	REL	REL	1	SD40	0 KIPS	31 KIPS	0.11
	184.788								2	SD40	31 KIPS	81 KIPS	0.15
	184.776								3	GONDOLA	61 KIPS	59 KIPS	0.17
	184.632								22	GONDOLA	18 KIPS	15 KIPS	0.08
	184.488								41	GONDOLA	-44 KIPS	-48 KIPS	0.13
	184.344								60	GONDOLA	-93 KIPS	-95 KIPS	0.20
	184.200								79	GONDOLA	-137 KIPS	-139 KIPS	0.15
	184.056								98	GONDOLA	-118 KIPS	-115 KIPS	0.22
	184.048								99	SD40	-115 KIPS	-77 KIPS	0.28
	184.038								100	SD40	-77 KIPS	-39 KIPS	0.23
HELPERS	184.873								1	SD40	0 KIPS	33 KIPS	0.11
	184.861								2	SD40	33 KIPS	87 KIPS	0.15
	184.848								3	GONDOLA	67 KIPS	65 KIPS	0.17
	184.704								22	GONDOLA	29 KIPS	27 KIPS	0.09
	184.560								41	GONDOLA	-24 KIPS	-28 KIPS	0.09
	184.416								60	GONDOLA	-67 KIPS	-68 KIPS	0.16
	184.272								79	GONDOLA	-108 KIPS	-111 KIPS	0.20
	184.129								98	GONDOLA	-122 KIPS	-120 KIPS	0.22
	184.121								99	SD40	-120 KIPS	-81 KIPS	0.26
	184.109								100	SD40	-81 KIPS	-40 KIPS	0.24
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
-----> TRAIN ENTERING 2.50 DEGREE CURVE													
O: 7:30	184.941	0	24	RUN	8	545	REL	REL	1	SD40	0 KIPS	38 KIPS	0.11
	184.929								2	SD40	38 KIPS	71 KIPS	0.15
	184.916								3	GONDOLA	71 KIPS	70 KIPS	0.17
	184.772								22	GONDOLA	35 KIPS	34 KIPS	0.10
	184.628								41	GONDOLA	-8 KIPS	-8 KIPS	0.08
	184.484								60	GONDOLA	-44 KIPS	-46 KIPS	0.11
	184.341								79	GONDOLA	-82 KIPS	-84 KIPS	0.18
	184.197								98	GONDOLA	-116 KIPS	-118 KIPS	0.21
	184.189								99	SD40	-118 KIPS	-81 KIPS	0.26
	184.177								100	SD40	-81 KIPS	-42 KIPS	0.24
HELPERS	185.004								1	SD40	0 KIPS	39 KIPS	0.07
	184.992								2	SD40	39 KIPS	77 KIPS	0.11
	184.979								3	GONDOLA	77 KIPS	76 KIPS	0.09
	184.835								22	GONDOLA	43 KIPS	41 KIPS	0.10
	184.692								41	GONDOLA	30 KIPS	30 KIPS	0.09
	184.548								60	GONDOLA	-35 KIPS	-37 KIPS	0.10
	184.404								79	GONDOLA	-72 KIPS	-74 KIPS	0.15
	184.260								98	GONDOLA	-112 KIPS	-115 KIPS	0.29
	184.252								99	SD40	-115 KIPS	-77 KIPS	0.31
	184.240								100	SD40	-77 KIPS	-39 KIPS	0.28
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
-----> TRAIN ENTERING 2.50 DEGREE CURVE													
O: 7:40	185.004	0	22	RUN	8	580	REL	REL	1	SD40	0 KIPS	38 KIPS	0.11
	184.992								2	SD40	38 KIPS	71 KIPS	0.15
	184.979								3	GONDOLA	71 KIPS	70 KIPS	0.17
	184.835								22	GONDOLA	43 KIPS	41 KIPS	0.10
	184.692								41	GONDOLA	30 KIPS	30 KIPS	0.09
	184.548								60	GONDOLA	-35 KIPS	-37 KIPS	0.10
	184.404								79	GONDOLA	-72 KIPS	-74 KIPS	0.15
	184.260								98	GONDOLA	-112 KIPS	-115 KIPS	0.29
	184.252								99	SD40	-115 KIPS	-77 KIPS	0.31
	184.240								100	SD40	-77 KIPS	-39 KIPS	0.28

STATION TIME	MP	SPEED LMT RUN	THTLT AMPS	SETTING TRN	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
					IND	PIPE				DRAWBAR FORCES FORE	AFT					
O: 7:50	185.083	0	20	RUN	6	620	REL REL	80#	0#	-125:99	.29:99	1	SD40	0 KIPS	41 KIPS	0.08
	185.050							80#	0#			2	SD40	41 KIPS	83 KIPS	0.11
	185.038							80#	0#			3	GONDOLA	83 KIPS	80 KIPS	0.08
	184.894							80#	0#			22	GONDOLA	44 KIPS	42 KIPS	0.10
	184.750							80#	0#			41	GONDOLA	-16 KIPS	-16 KIPS	0.10
	184.606							80#	0#			60	GONDOLA	-43 KIPS	-45 KIPS	0.11
	184.482							80#	0#			79	GONDOLA	-83 KIPS	-85 KIPS	0.16
	184.318							80#	0#			98	GONDOLA	-123 KIPS	-125 KIPS	0.25
	184.288							80#	0#			99	SD40	-84 KIPS	-84 KIPS	0.29
	185.117							80#	0#	-136:99	.30:99	100	SD40	0 KIPS	-43 KIPS	0.26
HELPERS	185.105							80#	0#			1	SD40	45 KIPS	45 KIPS	0.08
	185.093							80#	0#			2	SD40	89 KIPS	89 KIPS	0.12
	184.949							80#	0#			3	GONDOLA	46 KIPS	44 KIPS	0.08
	184.805							80#	0#			22	GONDOLA	16 KIPS	-9 KIPS	0.10
	184.661							80#	0#			41	GONDOLA	-48 KIPS	-49 KIPS	0.12
	184.517							80#	0#			60	GONDOLA	-88 KIPS	-90 KIPS	0.17
	184.373							80#	0#			79	GONDOLA	-133 KIPS	-138 KIPS	0.26
	184.365							80#	0#			98	GONDOLA	-136 KIPS	-91 KIPS	0.30
	184.353							80#	0#			99	SD40	-91 KIPS	-48 KIPS	0.28
	185.189							80#	0#	-143:99	.32:99	100	SD40	0 KIPS	49 KIPS	0.08
O: 8:10	185.158							80#	0#			1	SD40	97 KIPS	97 KIPS	0.10
	185.144							80#	0#			2	SD40	95 KIPS	95 KIPS	0.07
	185.000							80#	0#			3	GONDOLA	54 KIPS	52 KIPS	0.08
	184.856							80#	0#			22	GONDOLA	13 KIPS	15 KIPS	0.10
	184.712							80#	0#			41	GONDOLA	-45 KIPS	-47 KIPS	0.12
	184.568							80#	0#			60	GONDOLA	-90 KIPS	-92 KIPS	0.17
	184.424							80#	0#			79	GONDOLA	-141 KIPS	-143 KIPS	0.27
	184.417							80#	0#			98	GONDOLA	-143 KIPS	-98 KIPS	0.32
	184.404							80#	0#			99	SD40	-96 KIPS	-48 KIPS	0.29
	185.217							80#	0#	-156:99	.34:99	100	SD40	0 KIPS	51 KIPS	0.08
HELPERS	185.204							80#	0#			1	SD40	102 KIPS	102 KIPS	0.10
	185.192							80#	0#			2	SD40	100 KIPS	100 KIPS	0.08
	185.048							80#	0#			22	GONDOLA	54 KIPS	52 KIPS	0.08
	184.904							80#	0#			41	GONDOLA	16 KIPS	16 KIPS	0.10
	184.760							80#	0#			60	GONDOLA	-55 KIPS	-58 KIPS	0.13
	184.616							80#	0#			79	GONDOLA	-105 KIPS	-107 KIPS	0.18
	184.472							80#	0#			98	GONDOLA	-153 KIPS	-156 KIPS	0.28
	184.465							80#	0#			99	GONDOLA	-156 KIPS	-104 KIPS	0.34
	184.452							80#	0#			100	SD40	-104 KIPS	-53 KIPS	0.31

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
											FORE	AFT					
0: 8:30	185.282	0	18	RUN	6	780	REL	REL	80#	0#	-165:99	.35:99	1	SD40	0 KIPS	55 KIPS	0.08
	185.250								80#	0#			2	SD40	55 KIPS	109 KIPS	0.11
	185.238								80#	0#			3	GONDOLA	109 KIPS	108 KIPS	0.08
	185.094								80#	0#			22	GONDOLA	58 KIPS	55 KIPS	0.06
	184.950								80#	0#			41	GONDOLA	17 KIPS	-20 KIPS	0.10
	184.806								80#	0#			60	GONDOLA	-56 KIPS	-59 KIPS	0.13
	184.682								80#	0#			79	GONDOLA	-109 KIPS	-111 KIPS	0.21
	184.518								80#	0#			98	GONDOLA	-162 KIPS	-185 KIPS	0.30
	HELPERS	184.498							80#	0#			99	SD40	-165 KIPS	-110 KIPS	0.35
		184.510							80#	0#			100	SD40	-110 KIPS	-58 KIPS	0.32
0: 8:40	185.305								80#	0#	-173:99	.37:99	1	SD40	0 KIPS	58 KIPS	0.10
	185.293	0	15	RUN	6	821	REL	REL	80#	0#			2	SD40	58 KIPS	115 KIPS	0.11
	185.281								80#	0#			3	GONDOLA	115 KIPS	113 KIPS	0.08
	185.137								80#	0#			22	GONDOLA	62 KIPS	60 KIPS	0.07
	184.993								80#	0#			41	GONDOLA	11 KIPS	8 KIPS	0.06
	184.849								80#	0#			60	GONDOLA	-54 KIPS	-57 KIPS	0.13
	184.705								80#	0#			79	GONDOLA	-114 KIPS	-117 KIPS	0.22
	184.561								80#	0#			98	GONDOLA	-170 KIPS	-173 KIPS	0.31
	HELPERS	184.554							80#	0#			99	SD40	-173 KIPS	-116 KIPS	0.37
		184.541							80#	0#			100	SD40	-118 KIPS	-59 KIPS	0.33
0: 8:50	185.347	0	15	RUN	6	846	REL	REL	80#	0#	-180:99	.38:99	1	SD40	0 KIPS	59 KIPS	0.10
	185.335								80#	0#			2	SD40	59 KIPS	119 KIPS	0.10
	185.322								80#	0#			3	GONDOLA	119 KIPS	116 KIPS	0.08
	185.178								80#	0#			22	GONDOLA	59 KIPS	58 KIPS	0.07
	185.034								80#	0#			41	GONDOLA	23 KIPS	-18 KIPS	0.07
	184.890								80#	0#			60	GONDOLA	-82 KIPS	-85 KIPS	0.13
	184.747								80#	0#			79	GONDOLA	-121 KIPS	-124 KIPS	0.22
	184.603								80#	0#			98	GONDOLA	-178 KIPS	-180 KIPS	0.32
	HELPERS	184.595							80#	0#			99	SD40	-180 KIPS	-121 KIPS	0.38
		184.583							80#	0#			100	SD40	-121 KIPS	-61 KIPS	0.34
0: 9: 0	185.387	0	14	RUN	6	875	REL	REL	80#	0#	-187:99	.40:99	1	SD40	0 KIPS	62 KIPS	0.10
	185.374								80#	0#			2	SD40	62 KIPS	124 KIPS	0.10
	185.362								80#	0#			3	GONDOLA	124 KIPS	121 KIPS	0.08
	185.218								80#	0#			22	GONDOLA	67 KIPS	64 KIPS	0.07
	185.074								80#	0#			41	GONDOLA	13 KIPS	-28 KIPS	0.06
	184.930								80#	0#			60	GONDOLA	-60 KIPS	-63 KIPS	0.13
	184.786								80#	0#			79	GONDOLA	-121 KIPS	-124 KIPS	0.22
	184.642								80#	0#			98	GONDOLA	-184 KIPS	-187 KIPS	0.33
	HELPERS	184.635							80#	0#			99	SD40	-187 KIPS	-125 KIPS	0.40
		184.623							80#	0#			100	SD40	-125 KIPS	-64 KIPS	0.36

-----> TRAIN ENTERING 0.00 DEGREE CURVE

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THLTL AMP'S TRN IND PIPE CYL	BRAKES SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRUMBAR FORCES FORE	AFT	
O: 9:10	185.425	0	14 RUN 6	899 REL	80# 0# -193:99 .53:99	1	SD40	0 KIPS	64 KIPS	0.10
	185.413				80# 0#	2	SD40	64 KIPS	128 KIPS	0.18
	185.401				80# 0#	3	GONDOLA	128 KIPS	125 KIPS	0.12
	185.257				80# 0#	22	GONDOLA	68 KIPS	64 KIPS	0.07
	185.113				60# 0#	41	GONDOLA	9 KIPS	-12 KIPS	0.07
HELPERS	184.989				80# 0#	60	GONDOLA	-64 KIPS	-67 KIPS	0.13
	184.825				80# 0#	79	GONDOLA	-128 KIPS	-129 KIPS	0.23
	184.681				80# 0#	98	GONDOLA	-188 KIPS	-193 KIPS	0.41
	184.673				80# 0#	98	SD40	-183 KIPS	-129 KIPS	0.53
	184.661				80# 0#	100	SD40	-128 KIPS	-68 KIPS	0.41
O: 9:20	185.463	0	13 RUN 6	910 REL	80# 0# -196:99 .54:99	1	SD40	0 KIPS	65 KIPS	0.00
	185.451				80# 0#	2	SD40	65 KIPS	131 KIPS	0.00
	185.438				80# 0#	3	SD40	131 KIPS	128 KIPS	0.01
	185.294				80# 0#	22	GONDOLA	71 KIPS	68 KIPS	0.07
	185.150				80# 0#	41	GONDOLA	13 KIPS	13 KIPS	0.07
HELPERS	185.008				80# 0#	80	GONDOLA	-64 KIPS	-67 KIPS	0.13
	184.862				80# 0#	79	GONDOLA	-127 KIPS	-130 KIPS	0.23
	184.719				80# 0#	98	GONDOLA	-192 KIPS	-196 KIPS	0.42
	184.711				80# 0#	99	SD40	-188 KIPS	-131 KIPS	0.54
	184.699				80# 0#	100	SD40	-131 KIPS	-68 KIPS	0.42
-----> TRAIN ENTERING 3.00 DEGREE CURVE										
O: 9:30	185.499	0	13 RUN 6	910 REL	80# 0# -196:99 .54:99	1	SD40	0 KIPS	65 KIPS	0.18
	185.487				80# 0#	2	SD40	65 KIPS	131 KIPS	0.12
	185.475				80# 0#	3	GONDOLA	131 KIPS	128 KIPS	0.03
	185.331				80# 0#	22	GONDOLA	73 KIPS	70 KIPS	0.07
	185.187				80# 0#	41	GONDOLA	29 KIPS	-18 KIPS	0.07
HELPERS	185.043				80# 0#	60	GONDOLA	-63 KIPS	-68 KIPS	0.13
	184.898				80# 0#	79	GONDOLA	-128 KIPS	-130 KIPS	0.23
	184.755				80# 0#	98	GONDOLA	-192 KIPS	-196 KIPS	0.42
	184.748				80# 0#	99	SD40	-131 KIPS	-68 KIPS	0.54
	184.735				80# 0#	100	SD40	-131 KIPS	-68 KIPS	0.42
O: 9:40	185.535	0	13 RUN 6	910 REL	80# 0# -196:99 .54:99	1	SD40	0 KIPS	65 KIPS	0.18
	185.523				80# 0#	2	SD40	65 KIPS	129 KIPS	0.26
	185.511				80# 0#	3	GONDOLA	129 KIPS	128 KIPS	0.21
	185.367				80# 0#	22	GONDOLA	68 KIPS	63 KIPS	0.07
	185.223				80# 0#	41	GONDOLA	-15 KIPS	-13 KIPS	0.07
HELPERS	185.079				80# 0#	60	GONDOLA	-68 KIPS	-71 KIPS	0.13
	184.935				80# 0#	79	GONDOLA	-129 KIPS	-132 KIPS	0.24
	184.791				80# 0#	98	GONDOLA	-193 KIPS	-196 KIPS	0.42
	184.783				80# 0#	99	SD40	-186 KIPS	-131 KIPS	0.54
	184.771				80# 0#	100	SD40	-131 KIPS	-67 KIPS	0.42

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	BRAKES PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABBAR FORCES FORE	DRABBAR FORCES AFT	
0: 9:50	185.570	0	12	RUN	6	910	REL	REL	80#	0#	0#	85 KIPS	0.12
	185.558								80#	0#	0#	130 KIPS	0.12
	185.548								80#	0#	0#	127 KIPS	0.09
	185.402								80#	0#	0#	68 KIPS	0.07
	185.258								80#	0#	0#	-29 KIPS	0.08
HELPERS	185.114								80#	0#	0#	-65 KIPS	0.12
	184.970								80#	0#	0#	-129 KIPS	0.19
	184.828								80#	0#	0#	-195 KIPS	0.42
	184.818								80#	0#	0#	-131 KIPS	0.54
	184.806								80#	0#	0#	-66 KIPS	0.42
0: 10: 0	185.604	0	12	RUN	6	910	REL	REL	80#	0#	0#	85 KIPS	0.12
	185.592								80#	0#	0#	130 KIPS	0.12
	185.580								80#	0#	0#	127 KIPS	0.08
	185.438								80#	0#	0#	68 KIPS	0.00
	185.292								80#	0#	0#	30 KIPS	0.07
HELPERS	185.148								80#	0#	0#	-69 KIPS	0.13
	185.004								80#	0#	0#	-132 KIPS	0.20
	184.860								80#	0#	0#	-196 KIPS	0.42
	184.852								80#	0#	0#	-131 KIPS	0.54
	184.840								80#	0#	0#	-68 KIPS	0.42
0: 10: 10	185.638	0	12	RUN	6	910	REL	REL	80#	0#	0#	85 KIPS	0.12
	185.625								80#	0#	0#	130 KIPS	0.12
	185.613								80#	0#	0#	127 KIPS	0.08
	185.469								80#	0#	0#	64 KIPS	0.00
	185.325								80#	0#	0#	10 KIPS	0.07
HELPERS	185.181								80#	0#	0#	-69 KIPS	0.13
	185.037								80#	0#	0#	-132 KIPS	0.20
	184.893								80#	0#	0#	-196 KIPS	0.42
	184.888								80#	0#	0#	-131 KIPS	0.54
	184.873								80#	0#	0#	-67 KIPS	0.42
-----> TRAIN ENTERING 0.53 % GRADE													
0: 10: 20	185.670	0	12	RUN	6	910	REL	REL	80#	0#	0#	85 KIPS	0.12
	185.658								80#	0#	0#	136 KIPS	0.12
	185.646								80#	0#	0#	133 KIPS	0.09
	185.502								80#	0#	0#	68 KIPS	0.08
	185.358								80#	0#	0#	32 KIPS	0.07
HELPERS	185.214								80#	0#	0#	-65 KIPS	0.12
	185.070								80#	0#	0#	-130 KIPS	0.20
	184.926								80#	0#	0#	-198 KIPS	0.44
	184.918								80#	0#	0#	-131 KIPS	0.58
	184.908								80#	0#	0#	-68 KIPS	0.48
-----> TRAIN ENTERING 0.00 DEGREE CURVE													

STATION TIME	SPEED LMT RUN	THRTLE AMPS	SETTING TRN INO PIPE	BRAKES CYL	PRESSURE KIPS:CAR	MAXIMUMS (AND LOCATION) L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRAMBAR FORE	FORCES AFT	
0:10:30	185.702	0	11 RUN 6	910 REL REL	80# 0#	-195:99 .44:99	1	SD40	0 KIPS	68 KIPS	0.12
	185.690				80# 0#		2	SD40	68 KIPS	136 KIPS	0.21
	185.677				80# 0#		3	GONDOLA	136 KIPS	134 KIPS	0.14
	185.534				80# 0#		22	GONDOLA	80 KIPS	76 KIPS	0.08
	185.390				80# 0#		41	GONDOLA	16 KIPS	12 KIPS	0.07
	185.246				80# 0#		60	GONDOLA	-61 KIPS	-65 KIPS	0.12
	185.102				80# 0#		79	GONDOLA	-126 KIPS	-130 KIPS	0.20
	184.958				80# 0#		98	GONDOLA	-192 KIPS	-195 KIPS	0.34
HELPERS	184.950		RUN 6	910 REL REL	80# 0#		99	SD40	-195 KIPS	-131 KIPS	0.44
	184.938				80# 0#		100	SD40	-131 KIPS	-68 KIPS	0.43
0:10:40	185.734	0	11 RUN 6	910 REL REL	80# 0#	-195:99 .41:99	1	SD40	0 KIPS	68 KIPS	0.02
	185.721				80# 0#		2	SD40	68 KIPS	136 KIPS	0.14
	185.709				80# 0#		3	GONDOLA	136 KIPS	135 KIPS	0.09
	185.565				80# 0#		22	GONDOLA	86 KIPS	82 KIPS	0.08
	185.421				80# 0#		41	GONDOLA	21 KIPS	17 KIPS	0.07
	185.277				80# 0#		80	GONDOLA	-52 KIPS	-56 KIPS	0.10
	185.133				80# 0#		79	GONDOLA	-121 KIPS	-125 KIPS	0.19
	184.989				80# 0#		98	GONDOLA	-191 KIPS	-195 KIPS	0.33
HELPERS	184.982		RUN 6	910 REL REL	80# 0#		99	SD40	-195 KIPS	-130 KIPS	0.41
	184.969				80# 0#		100	SD40	-130 KIPS	-66 KIPS	0.38
0:10:50	185.785	0	11 RUN 6	910 REL REL	80# 0#	-194:99 .41:99	1	SD40	0 KIPS	68 KIPS	0.00
	185.753				80# 0#		2	SD40	68 KIPS	135 KIPS	0.00
	185.740				80# 0#		3	GONDOLA	135 KIPS	134 KIPS	0.00
	185.596				80# 0#		22	GONDOLA	93 KIPS	89 KIPS	0.08
	185.453				80# 0#		41	GONDOLA	22 KIPS	19 KIPS	0.00
	185.309				80# 0#		60	GONDOLA	-51 KIPS	-55 KIPS	0.10
	185.165				80# 0#		79	GONDOLA	-120 KIPS	-124 KIPS	0.19
	185.021				80# 0#		98	GONDOLA	-190 KIPS	-194 KIPS	0.33
HELPERS	185.013		RUN 6	910 REL REL	80# 0#		99	SD40	-194 KIPS	-130 KIPS	0.41
	185.001				80# 0#		100	SD40	-130 KIPS	-66 KIPS	0.38
0:11:0	185.796	0	11 RUN 6	910 REL REL	80# 0#	-193:99 .40:99	1	SD40	0 KIPS	68 KIPS	0.00
	185.784				80# 0#		2	SD40	68 KIPS	136 KIPS	0.00
	185.772				80# 0#		3	GONDOLA	135 KIPS	134 KIPS	0.00
	185.628				80# 0#		22	GONDOLA	101 KIPS	98 KIPS	0.08
	185.484				80# 0#		41	GONDOLA	28 KIPS	25 KIPS	0.00
	185.340				80# 0#		60	GONDOLA	-46 KIPS	-50 KIPS	0.09
	185.196				80# 0#		79	GONDOLA	-118 KIPS	-122 KIPS	0.19
	185.052				80# 0#		98	GONDOLA	-190 KIPS	-193 KIPS	0.33
HELPERS	185.045		RUN 6	910 REL REL	80# 0#		99	SD40	-193 KIPS	-128 KIPS	0.40
	185.032				80# 0#		100	SD40	-129 KIPS	-65 KIPS	0.35

-----> TRAIN ENTERING 3.00 DEGREE CURVE

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PAGE NO 25

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN IN	SETTING IND PIPE	PRESSURE CYL	BRAKES MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
										DRUMBAR FORCES FORE	DRUMBAR FORCES AFT					
0:11:10	185.828	0	11	RUN	6	910	REL REL	80#	0#	-194:99	.41:99	1	SD40	0 KIPS	68 KIPS	0.19
	185.816							80#	0#			2	SD40	68 KIPS	135 KIPS	0.17
	185.804							80#	0#			3	GONDOLA	135 KIPS	133 KIPS	0.08
	185.680							80#	0#			22	GONDOLA	102 KIPS	99 KIPS	0.09
	185.516							80#	0#			41	GONDOLA	32 KIPS	28 KIPS	0.08
	185.372							80#	0#			60	GONDOLA	-44 KIPS	-48 KIPS	0.09
	185.228							80#	0#			79	GONDOLA	-116 KIPS	-120 KIPS	0.19
	185.084							80#	0#			98	GONDOLA	-190 KIPS	-194 KIPS	0.33
	185.076							80#	0#			99	SD40	-194 KIPS	-130 KIPS	0.41
	185.064							80#	0#			100	SD40	-130 KIPS	-68 KIPS	0.35
HELPERS	185.860							80#	0#	-193:99	.40:99	1	SD40	0 KIPS	67 KIPS	0.12
	185.848							80#	0#			2	SD40	67 KIPS	134 KIPS	0.12
	185.836							80#	0#			3	GONDOLA	134 KIPS	132 KIPS	0.10
	185.692							80#	0#			22	GONDOLA	102 KIPS	100 KIPS	0.09
	185.548							80#	0#			41	GONDOLA	38 KIPS	35 KIPS	0.08
	185.404							80#	0#			60	GONDOLA	-39 KIPS	-43 KIPS	0.08
	185.260							80#	0#			79	GONDOLA	-114 KIPS	-118 KIPS	0.18
	185.116							80#	0#			98	GONDOLA	-189 KIPS	-193 KIPS	0.33
	185.108							80#	0#			99	SD40	-129 KIPS	-86 KIPS	0.40
	185.098							80#	0#	-191:99	.40:99	100	SD40	0 KIPS	67 KIPS	0.35
0:11:30	185.893	0	12	RUN	6	910	REL REL	80#	0#			1	SD40	67 KIPS	133 KIPS	0.12
	185.881							80#	0#			2	SD40	133 KIPS	131 KIPS	0.10
	185.868							80#	0#			3	GONDOLA	99 KIPS	97 KIPS	0.00
	185.725							80#	0#			22	GONDOLA	41 KIPS	37 KIPS	0.08
	185.581							80#	0#			41	GONDOLA	-36 KIPS	-40 KIPS	0.05
	185.437							80#	0#			60	GONDOLA	-111 KIPS	-115 KIPS	0.18
	185.293							80#	0#			79	GONDOLA	-187 KIPS	-191 KIPS	0.33
	185.149							80#	0#			98	GONDOLA	-191 KIPS	-127 KIPS	0.40
	185.141							80#	0#			99	SD40	-127 KIPS	-64 KIPS	0.35
	185.129							80#	0#	-192:99	.40:99	100	SD40	0 KIPS	67 KIPS	0.12
HELPERS	185.927	0	12	RUN	6	910	REL REL	80#	0#			1	SD40	67 KIPS	133 KIPS	0.12
	185.914							80#	0#			2	SD40	133 KIPS	131 KIPS	0.09
	185.902							80#	0#			3	GONDOLA	95 KIPS	93 KIPS	0.00
	185.758							80#	0#			22	GONDOLA	50 KIPS	46 KIPS	0.08
	185.614							80#	0#			41	GONDOLA	-36 KIPS	-39 KIPS	0.04
	185.470							80#	0#			60	GONDOLA	-110 KIPS	-114 KIPS	0.18
	185.326							80#	0#			79	GONDOLA	-188 KIPS	-192 KIPS	0.33
	185.182							80#	0#			98	GONDOLA	-192 KIPS	-128 KIPS	0.40
	185.175							80#	0#			99	SD40	-129 KIPS	-85 KIPS	0.35
	185.163							80#	0#			100	SD40			

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	AFT	
0:11:50	185.981	0	13	RUN	6	910	REL	REL	80#	0#	0#	67 KIPS	0.12
	185.949								80#	0#	0#	133 KIPS	0.12
	185.937								80#	0#	0#	131 KIPS	0.09
	185.793								80#	0#	0#	91 KIPS	0.00
	185.649								80#	0#	0#	50 KIPS	0.08
	185.505								80#	0#	0#	-34 KIPS	0.09
	185.381								80#	0#	0#	-112 KIPS	0.18
	185.217								80#	0#	0#	-192 KIPS	0.33
	185.209								80#	0#	0#	-129 KIPS	0.40
	185.197								80#	0#	0#	-68 KIPS	0.35
HELPERS	185.997								80#	0#	0#	88 KIPS	0.12
	185.985								80#	0#	0#	133 KIPS	0.12
	185.973								80#	0#	0#	130 KIPS	0.09
	185.829								80#	0#	0#	88 KIPS	0.08
	185.685								80#	0#	0#	45 KIPS	0.08
	185.541								80#	0#	0#	-38 KIPS	0.09
	185.397								80#	0#	0#	-114 KIPS	0.18
	185.253								80#	0#	0#	-193 KIPS	0.33
	185.245								80#	0#	0#	-129 KIPS	0.41
	185.233								80#	0#	0#	-68 KIPS	0.35
0:12:10	186.034	0	14	RUN	8	905	REL	REL	80#	0#	0#	68 KIPS	0.12
	186.022								80#	0#	0#	133 KIPS	0.12
	186.010								80#	0#	0#	131 KIPS	0.08
	185.868								80#	0#	0#	87 KIPS	0.08
	185.722								80#	0#	0#	51 KIPS	0.07
	185.578								80#	0#	0#	-28 KIPS	0.09
	185.434								80#	0#	0#	-104 KIPS	0.12
	185.290								80#	0#	0#	-186 KIPS	0.33
	185.282								80#	0#	0#	-191 KIPS	0.40
	185.270								80#	0#	0#	-128 KIPS	0.35
HELPERS	186.073	0	14	RUN	8	871	REL	REL	80#	0#	0#	65 KIPS	0.12
	186.061								80#	0#	0#	131 KIPS	0.12
	186.049								80#	0#	0#	128 KIPS	0.09
	185.905								80#	0#	0#	80 KIPS	0.08
	185.781								80#	0#	0#	38 KIPS	0.00
	185.617								80#	0#	0#	-28 KIPS	0.09
	185.473								80#	0#	0#	-105 KIPS	0.12
	185.329								80#	0#	0#	-184 KIPS	0.33
	185.321								80#	0#	0#	-189 KIPS	0.40
	185.309								80#	0#	0#	-127 KIPS	0.35

STATION TIME	MP	SPEED LMT RUN	THTLT AMP	BRKES SETTING TRN INO PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0:12:30	186.113	0	15	RUN 6 848 REL REL	80W 0W -180:99 38:99	1	SD40	0 KIPS 83 KIPS	0.12
	186.101				80W 0W	2	SD40	125 KIPS	0.13
	186.089				80W 0W	3	GONDOLA	123 KIPS	0.09
	185.945				80W 0W	22	GONDOLA	80 KIPS	0.08
	185.801				80W 0W	41	GONDOLA	38 KIPS	0.00
	185.657				80W 0W	60	GONDOLA	-12 KIPS	0.08
	185.513				80W 0W	78	GONDOLA	-95 KIPS	0.18
	185.369				80W 0W	98	GONDOLA	-180 KIPS	0.32
HELPERS	185.361				80W 0W	99	SD40	-120 KIPS	0.38
	185.349				80W 0W	100	SD40	-61 KIPS	0.33
0:12:40	186.155	0	15	RUN 6 823 REL REL	80W 0W -172:99 37:99	1	SD40	0 KIPS	0.10
	186.143				80W 0W	2	SD40	81 KIPS	0.13
	186.130				80W 0W	3	GONDOLA	122 KIPS	0.08
	185.987				80W 0W	22	GONDOLA	77 KIPS	0.08
	185.843				80W 0W	41	GONDOLA	33 KIPS	0.08
	185.699				80W 0W	60	GONDOLA	-20 KIPS	0.08
	185.555				80W 0W	79	GONDOLA	-87 KIPS	0.17
	185.411				80W 0W	98	GONDOLA	-188 KIPS	0.31
HELPERS	185.403				80W 0W	99	SD40	-172 KIPS	0.37
	185.391				80W 0W	100	SD40	-115 KIPS	0.32
-----> TRAIN ENTERING 0.00 DEGREE CURVE									
0:12:50	186.198	0	16	RUN 6 796 REL REL	80W 0W -187:99 36:99	1	SD40	0 KIPS	0.10
	186.186				80W 0W	2	SD40	58 KIPS	0.18
	186.174				80W 0W	3	GONDOLA	117 KIPS	0.13
	186.030				80W 0W	22	GONDOLA	89 KIPS	0.08
	185.886				80W 0W	41	GONDOLA	22 KIPS	0.07
	185.742				80W 0W	60	GONDOLA	-23 KIPS	0.03
	185.598				80W 0W	78	GONDOLA	-84 KIPS	0.17
	185.454				80W 0W	98	GONDOLA	-183 KIPS	0.30
HELPERS	185.446				80W 0W	99	SD40	-187 KIPS	0.36
	185.434				80W 0W	100	SD40	-111 KIPS	0.32
0:13: 0	186.243	0	16	RUN 6 774 REL REL	80W 0W -181:99 35:99	1	SD40	0 KIPS	0.00
	186.230				80W 0W	2	SD40	57 KIPS	0.00
	186.218				80W 0W	3	GONDOLA	113 KIPS	0.00
	186.074				80W 0W	22	GONDOLA	89 KIPS	0.08
	185.930				80W 0W	41	GONDOLA	24 KIPS	0.07
	185.786				80W 0W	60	GONDOLA	-24 KIPS	0.03
	185.642				80W 0W	78	GONDOLA	-74 KIPS	0.18
	185.498				80W 0W	98	GONDOLA	-157 KIPS	0.34
HELPERS	185.491				80W 0W	99	SD40	-181 KIPS	0.35
	185.479				80W 0W	100	SD40	-108 KIPS	0.31

STATION TIME	MP	SPEED LMT RUN	THILE RUN	AMPS 750 REL	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES			L/V RATIO
									IDENTIFIER	DRAWBAR FORCES FORE	DRAWBAR FORCES AFT	
0:13:10	186.289	0	17	RUN 6	750 REL	REL	80# 0# -155:99 .38:99	1	SD40	0 KIPS	55 KIPS	0.00
	186.277						80# 0#	2	SD40	55 KIPS	110 KIPS	0.00
	186.264						80# 0#	3	GONDOLA	110 KIPS	108 KIPS	0.00
	186.120						80# 0#	22	GONDOLA	67 KIPS	64 KIPS	0.08
	185.976						80# 0#	41	GONDOLA	21 KIPS	19 KIPS	0.07
	185.832						80# 0#	60	GONDOLA	-34 KIPS	-36 KIPS	0.09
	185.688						80# 0#	78	GONDOLA	-75 KIPS	-77 KIPS	0.15
	185.544						80# 0#	98	GONDOLA	-150 KIPS	-155 KIPS	0.29
	185.537						80# 0#	99	SD40	-155 KIPS	-104 KIPS	0.38
	185.525						80# 0#	100	SD40	-104 KIPS	-53 KIPS	0.35
-----> TRAIN ENTERING 0.98 % GRADE												
-----> TRAIN ENTERING 3.00 DEGREE CURVE												
0:13:20	186.336	0	17	RUN 6	727 REL	REL	80# 0# -148:99 .34:99	1	SD40	0 KIPS	52 KIPS	0.13
	186.324						80# 0#	2	SD40	52 KIPS	105 KIPS	0.07
	186.312						80# 0#	3	GONDOLA	105 KIPS	102 KIPS	0.00
	186.168						80# 0#	22	GONDOLA	61 KIPS	58 KIPS	0.08
	186.024						80# 0#	41	GONDOLA	13 KIPS	10 KIPS	0.07
	185.880						80# 0#	60	GONDOLA	-35 KIPS	-37 KIPS	0.09
	185.736						80# 0#	78	GONDOLA	-80 KIPS	-82 KIPS	0.08
	185.592						80# 0#	98	GONDOLA	-143 KIPS	-148 KIPS	0.28
	185.584						80# 0#	99	SD40	-148 KIPS	-98 KIPS	0.34
	185.572						80# 0#	100	SD40	-99 KIPS	-50 KIPS	0.28
0:13:30	186.385	0	18	RUN 6	710 REL	REL	80# 0# -141:99 .32:99	1	SD40	0 KIPS	49 KIPS	0.15
	186.373						80# 0#	2	SD40	49 KIPS	98 KIPS	0.17
	186.361						80# 0#	3	GONDOLA	98 KIPS	94 KIPS	0.17
	186.217						80# 0#	22	GONDOLA	56 KIPS	54 KIPS	0.01
	186.073						80# 0#	41	GONDOLA	-18 KIPS	-18 KIPS	0.07
	185.929						80# 0#	60	GONDOLA	-48 KIPS	-50 KIPS	0.12
	185.785						80# 0#	78	GONDOLA	-93 KIPS	-95 KIPS	0.11
	185.641						80# 0#	98	GONDOLA	-136 KIPS	-141 KIPS	0.27
	185.633						80# 0#	99	SD40	-141 KIPS	-94 KIPS	0.32
	185.621						80# 0#	100	SD40	-94 KIPS	-48 KIPS	0.28
0:13:40	186.438	0	18	RUN 6	688 REL	REL	80# 0# -142:99 .33:99	1	SD40	0 KIPS	47 KIPS	0.10
	186.423						80# 0#	2	SD40	47 KIPS	94 KIPS	0.12
	186.411						80# 0#	3	GONDOLA	94 KIPS	90 KIPS	0.08
	186.267						80# 0#	22	GONDOLA	41 KIPS	39 KIPS	0.00
	186.123						80# 0#	41	GONDOLA	-16 KIPS	-16 KIPS	0.08
	185.978						80# 0#	60	GONDOLA	-57 KIPS	-60 KIPS	0.13
	185.835						80# 0#	78	GONDOLA	-101 KIPS	-103 KIPS	0.19
	185.691						80# 0#	98	GONDOLA	-140 KIPS	-142 KIPS	0.28
	185.684						80# 0#	99	SD40	-142 KIPS	-95 KIPS	0.33
	185.672						80# 0#	100	SD40	-95 KIPS	-48 KIPS	0.27
HELPERS												

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STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS RUN	SETTING TRN	BRKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0:13:50	186.487	0	19	RUN	6	675	REL	REL	80#	0#	0#	0#
	186.475								80#	0#	0#	0.11
	186.463								80#	0#	0#	0.08
	186.319								80#	0#	0#	0.00
	186.175								80#	0#	0#	0.07
	186.031								80#	0#	0#	0.13
	185.887								80#	0#	0#	0.19
	185.743								80#	0#	0#	0.26
HELPERS	185.736								80#	0#	0#	0.33
	185.723								80#	0#	0#	0.27
0:14: 0	186.540	0	19	RUN	6	667	REL	REL	80#	0#	0#	0.09
	186.528								80#	0#	0#	0.11
	186.515								80#	0#	0#	0.08
	186.371								80#	0#	0#	0.08
	186.228								80#	0#	0#	0.03
	186.084								80#	0#	0#	0.14
	185.940								80#	0#	0#	0.19
	185.796								80#	0#	0#	0.25
HELPERS	185.788								80#	0#	0#	0.30
	185.776								80#	0#	0#	0.27
0:14:10	186.593	0	19	RUN	6	655	REL	REL	80#	0#	0#	0.09
	186.581								80#	0#	0#	0.11
	186.569								80#	0#	0#	0.08
	186.425								80#	0#	0#	0.07
	186.281								80#	0#	0#	0.04
	186.137								80#	0#	0#	0.15
	185.993								80#	0#	0#	0.19
	185.849								80#	0#	0#	0.31
HELPERS	185.841								80#	0#	0#	0.31
	185.829								80#	0#	0#	0.09
0:14:20	186.647	0	19	RUN	6	658	REL	REL	80#	0#	0#	0.11
	186.634								80#	0#	0#	0.08
	186.622								80#	0#	0#	0.07
	186.478								80#	0#	0#	0.08
	186.334								80#	0#	0#	0.07
	186.190								80#	0#	0#	0.14
	186.046								80#	0#	0#	0.19
	185.902								80#	0#	0#	0.31
HELPERS	185.895								80#	0#	0#	0.39
	185.882								80#	0#	0#	0.31

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
						TRN	IND PIPE CYL				DRAMBAR FORCES FORE	AFT	
O:14:30	188.700	0	19	RUN	6	654	REL REL	80# 0# -137:99 .39:99	1	SD40	0 KIPS	44 KIPS	0.09
	188.688						80# 0#		2	SD40	44 KIPS	87 KIPS	0.13
	186.676						80# 0#		3	GONDOLA	87 KIPS	84 KIPS	0.11
	186.532						80# 0#		22	GONDOLA	30 KIPS	27 KIPS	0.07
	186.388						80# 0#		41	GONDOLA	-32 KIPS	-35 KIPS	0.09
	186.244						80# 0#		60	GONDOLA	-72 KIPS	-73 KIPS	0.08
	186.100						80# 0#		79	GONDOLA	-102 KIPS	-104 KIPS	0.19
	185.956						80# 0#		98	GONDOLA	-136 KIPS	-137 KIPS	0.31
	185.948						80# 0#		99	SD40	-137 KIPS	-92 KIPS	0.39
	185.936						80# 0#		100	SD40	-92 KIPS	-47 KIPS	0.31
O:14:40	186.754	0	19	RUN	6	657	REL REL	80# 0# -137:99 .39:99	1	SD40	0 KIPS	44 KIPS	0.01
	186.741						80# 0#		2	SD40	44 KIPS	88 KIPS	0.13
	186.729						80# 0#		3	GONDOLA	88 KIPS	86 KIPS	0.10
	186.585						80# 0#		22	GONDOLA	38 KIPS	36 KIPS	0.07
	186.441						80# 0#		41	GONDOLA	-26 KIPS	-29 KIPS	0.08
	186.297						80# 0#		60	GONDOLA	-71 KIPS	-73 KIPS	0.08
	186.153						80# 0#		79	GONDOLA	-102 KIPS	-104 KIPS	0.19
	186.009						80# 0#		98	GONDOLA	-136 KIPS	-137 KIPS	0.31
	186.002						80# 0#		99	SD40	-137 KIPS	-92 KIPS	0.39
	185.980						80# 0#		100	SD40	-92 KIPS	-47 KIPS	0.31
O:14:50	186.807	0	19	RUN	6	660	REL REL	80# 0# -138:99 .39:99	1	SD40	0 KIPS	44 KIPS	0.00
	186.785						80# 0#		2	SD40	44 KIPS	89 KIPS	0.00
	186.782						80# 0#		3	GONDOLA	89 KIPS	88 KIPS	0.00
	186.638						80# 0#		22	GONDOLA	38 KIPS	36 KIPS	0.07
	186.495						80# 0#		41	GONDOLA	-20 KIPS	-23 KIPS	0.08
	186.351						80# 0#		60	GONDOLA	-73 KIPS	-76 KIPS	0.16
	186.207						80# 0#		79	GONDOLA	-106 KIPS	-108 KIPS	0.20
	186.063						80# 0#		98	GONDOLA	-136 KIPS	-138 KIPS	0.31
	186.055						80# 0#		99	SD40	-138 KIPS	-93 KIPS	0.39
	186.043						80# 0#		100	SD40	-93 KIPS	-47 KIPS	0.32
O:15:0	186.860	0	19	RUN	6	663	REL REL	80# 0# -139:99 .39:99	1	SD40	0 KIPS	45 KIPS	0.00
	186.848						80# 0#		2	SD40	45 KIPS	89 KIPS	0.00
	186.835						80# 0#		3	GONDOLA	89 KIPS	87 KIPS	0.00
	186.691						80# 0#		22	GONDOLA	43 KIPS	41 KIPS	0.09
	186.548						80# 0#		41	GONDOLA	-19 KIPS	-22 KIPS	0.08
	186.404						80# 0#		60	GONDOLA	-72 KIPS	-75 KIPS	0.16
	186.260						80# 0#		79	GONDOLA	-108 KIPS	-110 KIPS	0.12
	186.116						80# 0#		98	GONDOLA	-137 KIPS	-139 KIPS	0.31
	186.108						80# 0#		99	SD40	-139 KIPS	-93 KIPS	0.38
	185.096						80# 0#		100	SD40	-93 KIPS	-47 KIPS	0.31

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING REL	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORE	FORCES AFT	
0:15:10	186.913	0	19	6	670	REL	REL	80# 0# -141:99 40:99	1	SD40	0 KIPS	45 KIPS	0.00
	186.900							80# 0#	2	SD40	45 KIPS	91 KIPS	0.00
	186.888							80# 0#	3	GONDOLA	91 KIPS	88 KIPS	0.00
	186.744							80# 0#	22	GONDOLA	45 KIPS	42 KIPS	0.00
	186.600							80# 0#	41	GONDOLA	-8 KIPS	-11 KIPS	0.07
	186.458							80# 0#	60	GONDOLA	-82 KIPS	-65 KIPS	0.14
	186.312							80# 0#	78	GONDOLA	-112 KIPS	-115 KIPS	0.13
	186.168							80# 0#	88	GONDOLA	-140 KIPS	-141 KIPS	0.31
	186.161							80# 0#	99	SD40	-141 KIPS	-95 KIPS	0.40
	186.148							80# 0#	100	SD40	-95 KIPS	-48 KIPS	0.32
HELPERS	186.985							-145:99 41:99	1	SD40	0 KIPS	48 KIPS	0.00
	186.952	0	19	6	674	REL	REL		2	SD40	48 KIPS	91 KIPS	0.00
	186.940							80# 0#	3	GONDOLA	91 KIPS	89 KIPS	0.00
	186.798							80# 0#	22	GONDOLA	45 KIPS	42 KIPS	0.00
	186.652							80# 0#	41	GONDOLA	-8 KIPS	-11 KIPS	0.07
	186.508							80# 0#	60	GONDOLA	-80 KIPS	-63 KIPS	0.14
	186.364							80# 0#	79	GONDOLA	-111 KIPS	-114 KIPS	0.20
	186.220							80# 0#	98	GONDOLA	-144 KIPS	-145 KIPS	0.32
	186.213							80# 0#	99	SD40	-145 KIPS	-97 KIPS	0.41
	186.201							80# 0#	100	SD40	-97 KIPS	-49 KIPS	0.38
0:15:30	187.018							-148:99 32:99	1	SD40	0 KIPS	47 KIPS	0.00
	187.004	0	18	6	683	REL	REL		2	SD40	47 KIPS	93 KIPS	0.00
	186.992							80# 0#	3	GONDOLA	93 KIPS	91 KIPS	0.00
	186.848							80# 0#	22	GONDOLA	49 KIPS	47 KIPS	0.00
	186.704							80# 0#	41	GONDOLA	11 KIPS	8 KIPS	0.07
	186.560							80# 0#	60	GONDOLA	-54 KIPS	-57 KIPS	0.13
	186.418							80# 0#	79	GONDOLA	-108 KIPS	-109 KIPS	0.19
	186.272							80# 0#	98	GONDOLA	-144 KIPS	-146 KIPS	0.32
	186.254							80# 0#	99	SD40	-146 KIPS	-98 KIPS	0.27
	186.252							80# 0#	100	SD40	-98 KIPS	-49 KIPS	0.28
HELPERS	187.087							-148:99 32:99	1	SD40	0 KIPS	47 KIPS	0.00
	187.055	0	18	6	693	REL	REL		2	SD40	47 KIPS	95 KIPS	0.00
	187.043							80# 0#	3	GONDOLA	95 KIPS	92 KIPS	0.00
	186.899							80# 0#	22	GONDOLA	51 KIPS	48 KIPS	0.00
	186.755							80# 0#	41	GONDOLA	7 KIPS	14 KIPS	0.00
	186.611							80# 0#	60	GONDOLA	-48 KIPS	-49 KIPS	0.11
	186.467							80# 0#	79	GONDOLA	-97 KIPS	-100 KIPS	0.18
	186.323							80# 0#	98	GONDOLA	-145 KIPS	-148 KIPS	0.27
	186.315							80# 0#	99	SD40	-148 KIPS	-99 KIPS	0.32
	186.303							80# 0#	100	SD40	-99 KIPS	-50 KIPS	0.29

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING IND	BRAKES PIPE CYL	PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT					
0:15:50	187.117	0	18	RUN	8	701	REL	REL	80#	0#	-145:99	.40:99	1	SD40	0 KIPS	48 KIPS	0.00
	187.109								80#	0#			2	SD40	48 KIPS	98 KIPS	0.00
	187.093								80#	0#			3	GONDOLA	98 KIPS	94 KIPS	0.00
	186.949								80#	0#			22	GONDOLA	52 KIPS	49 KIPS	0.00
	186.805								80#	0#			41	GONDOLA	7 KIPS	7 KIPS	0.00
HELPERS	186.681								80#	0#			60	GONDOLA	-44 KIPS	-47 KIPS	0.11
	186.517								80#	0#			79	GONDOLA	-93 KIPS	-96 KIPS	0.18
	186.373								80#	0#			98	GONDOLA	-142 KIPS	-145 KIPS	0.32
	186.368								80#	0#			99	SD40	-145 KIPS	-97 KIPS	0.40
	186.353								80#	0#			100	SD40	-97 KIPS	-49 KIPS	0.32
0:16:0	187.167	0	18	RUN	6	712	REL	REL	80#	0#	-145:99	.41:99	1	SD40	0 KIPS	49 KIPS	0.00
	187.155								80#	0#			2	SD40	49 KIPS	98 KIPS	0.00
	187.142								80#	0#			3	GONDOLA	98 KIPS	98 KIPS	0.00
	186.998								80#	0#			22	GONDOLA	54 KIPS	51 KIPS	0.00
	186.854								80#	0#			41	GONDOLA	8 KIPS	7 KIPS	0.00
HELPERS	186.710								80#	0#			60	GONDOLA	-39 KIPS	-42 KIPS	0.10
	186.567								80#	0#			79	GONDOLA	-90 KIPS	-93 KIPS	0.17
	186.423								80#	0#			98	GONDOLA	-142 KIPS	-145 KIPS	0.32
	186.415								80#	0#			99	SD40	-145 KIPS	-97 KIPS	0.41
	186.403								80#	0#			100	SD40	-97 KIPS	-48 KIPS	0.33
0:16:10	187.218	0	18	RUN	6	719	REL	REL	80#	0#	-148:99	.41:99	1	SD40	0 KIPS	49 KIPS	0.00
	187.204								80#	0#			2	SD40	49 KIPS	99 KIPS	0.00
	187.191								80#	0#			3	GONDOLA	99 KIPS	98 KIPS	0.00
	187.047								80#	0#			22	GONDOLA	54 KIPS	52 KIPS	0.00
	186.903								80#	0#			41	GONDOLA	8 KIPS	7 KIPS	0.00
HELPERS	186.759								80#	0#			60	GONDOLA	-44 KIPS	-46 KIPS	0.05
	186.618								80#	0#			79	GONDOLA	-93 KIPS	-96 KIPS	0.18
	186.472								80#	0#			98	GONDOLA	-145 KIPS	-148 KIPS	0.32
	186.464								80#	0#			99	SD40	-148 KIPS	-98 KIPS	0.41
	186.452								80#	0#			100	SD40	-99 KIPS	-50 KIPS	0.33
0:16:20	187.284	0	17	RUN	8	722	REL	REL	80#	0#	-150:99	.41:99	1	SD40	0 KIPS	50 KIPS	0.00
	187.252								80#	0#			2	SD40	50 KIPS	100 KIPS	0.00
	187.240								80#	0#			3	GONDOLA	100 KIPS	97 KIPS	0.00
	187.098								80#	0#			22	GONDOLA	52 KIPS	50 KIPS	0.00
	186.952								80#	0#			41	GONDOLA	6 KIPS	7 KIPS	0.00
HELPERS	186.808								80#	0#			60	GONDOLA	-48 KIPS	-48 KIPS	0.05
	186.664								80#	0#			79	GONDOLA	-94 KIPS	-97 KIPS	0.18
	186.520								80#	0#			98	GONDOLA	-147 KIPS	-150 KIPS	0.33
	186.513								80#	0#			99	SD40	-150 KIPS	-100 KIPS	0.41
	186.500								80#	0#			100	SD40	-100 KIPS	-51 KIPS	0.33

-----> TRAIN ENTERING 3.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THITLE AMP	SETTING TRN	IND	PIPE	CYL	PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
												DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0:16:30	187.313	0	17	RUN 6	730	REL	REL	80# 0#	-150:99 .41:99	1	SD40	0 KIPS	50 KIPS	0.16
	187.300							80# 0#		2	SD40	50 KIPS	100 KIPS	0.21
	187.288							80# 0#		3	GONDOLA	100 KIPS	97 KIPS	0.17
	187.144							80# 0#		22	GONDOLA	53 KIPS	51 KIPS	0.00
	187.000							80# 0#		41	GONDOLA	7 KIPS	5 KIPS	0.00
	186.858							80# 0#		60	GONDOLA	-44 KIPS	-47 KIPS	0.05
	186.712							80# 0#		79	GONDOLA	-93 KIPS	-96 KIPS	0.18
	186.568							80# 0#		98	GONDOLA	-147 KIPS	-150 KIPS	0.33
HELPERS	186.561			RUN 6	727	REL	REL	80# 0#		99	SD40	-101 KIPS	-101 KIPS	0.41
	186.548							80# 0#		100	SD40	-101 KIPS	-51 KIPS	0.33
0:16:40	187.361	0	17	RUN 6	732	REL	REL	80# 0#	-151:99 .42:99	1	SD40	0 KIPS	50 KIPS	0.10
	187.348							80# 0#		2	SD40	50 KIPS	100 KIPS	0.12
	187.338							80# 0#		3	GONDOLA	100 KIPS	97 KIPS	0.08
	187.192							80# 0#		22	GONDOLA	52 KIPS	50 KIPS	0.00
	187.048							80# 0#		41	GONDOLA	-10 KIPS	-10 KIPS	0.00
	186.904							80# 0#		60	GONDOLA	-50 KIPS	-52 KIPS	0.08
	186.760							80# 0#		78	GONDOLA	-97 KIPS	-100 KIPS	0.11
	186.616							80# 0#		98	GONDOLA	-148 KIPS	-151 KIPS	0.33
HELPERS	186.609			RUN 6	732	REL	REL	80# 0#		99	SD40	-151 KIPS	-101 KIPS	0.42
	186.596							80# 0#		100	SD40	-101 KIPS	-51 KIPS	0.33
-----> TRAIN ENTERING 0.00 DEGREE CURVE														
0:16:50	187.408	0	17	RUN 6	736	REL	REL	80# 0#	-151:99 .42:99	1	SD40	0 KIPS	51 KIPS	0.10
	187.396							80# 0#		2	SD40	51 KIPS	101 KIPS	0.17
	187.384							80# 0#		3	GONDOLA	101 KIPS	98 KIPS	0.15
	187.240							80# 0#		22	GONDOLA	48 KIPS	48 KIPS	0.00
	187.096							80# 0#		41	GONDOLA	0 KIPS	-3 KIPS	0.00
	186.952							80# 0#		60	GONDOLA	-48 KIPS	-52 KIPS	0.06
	186.808							80# 0#		79	GONDOLA	-98 KIPS	-101 KIPS	0.11
	186.664							80# 0#		98	GONDOLA	-148 KIPS	-151 KIPS	0.33
HELPERS	186.658			RUN 6	735	REL	REL	80# 0#		99	SD40	-151 KIPS	-101 KIPS	0.42
	186.644							80# 0#		100	SD40	-101 KIPS	-50 KIPS	0.33
0:17:0	187.443	0	17	RUN 6	738	REL	REL	80# 0#	-153:99 .43:99	1	SD40	0 KIPS	51 KIPS	0.02
	187.431							80# 0#		2	SD40	51 KIPS	102 KIPS	0.15
	187.287							80# 0#		3	GONDOLA	102 KIPS	100 KIPS	0.11
	187.143							80# 0#		22	GONDOLA	48 KIPS	46 KIPS	0.07
	186.999							80# 0#		41	GONDOLA	-4 KIPS	-5 KIPS	0.00
	186.855							80# 0#		60	GONDOLA	-52 KIPS	-54 KIPS	0.06
	186.711							80# 0#		79	GONDOLA	-101 KIPS	-103 KIPS	0.11
HELPERS	186.704			RUN 6	738	REL	REL	80# 0#		98	GONDOLA	-150 KIPS	-153 KIPS	0.34
	186.691							80# 0#		99	SD40	-153 KIPS	-102 KIPS	0.43
	186.678							80# 0#		100	SD40	-102 KIPS	-52 KIPS	0.36
-----> TRAIN ENTERING 0.00 % GRADE														
-----> TRAIN ENTERING 4.50 DEGREE CURVE														

STATION TIME	MP	SPEED LMT RUN	THTLT AMPS	SETTING TRN INO PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									FORWARD FORCES AFT	FORWARD FORCES AFT	
0:17:10	187.503	0	17	RUN 6	738	REL REL	80#	0#	-154:99	33:99	
	187.491						80#	0#			0.16
	187.478						80#	0#			0.15
	187.334						80#	0#			0.04
	187.190						80#	0#			0.07
	187.047						80#	0#			0.00
	186.903						80#	0#			0.06
	186.759						80#	0#			0.12
	186.751						80#	0#			0.28
	186.739						80#	0#			0.33
-----> TRAIN ENTERING 0.65 % GRADE											
0:17:20	187.550	0	17	RUN 6	736	REL REL	80#	0#	-154:99	34:99	
	187.538						80#	0#			0.15
	187.526						80#	0#			0.13
	187.382						80#	0#			0.07
	187.238						80#	0#			0.00
	187.094						80#	0#			0.06
	186.950						80#	0#			0.11
	186.806						80#	0#			0.28
	186.798						80#	0#			0.34
	186.786						80#	0#			0.30
0:17:30	187.598	0	17	RUN 6	737	REL REL	80#	0#	-153:99	33:99	
	187.586						80#	0#			0.15
	187.573						80#	0#			0.16
	187.429						80#	0#			0.12
	187.285						80#	0#			0.10
	187.141						80#	0#			0.07
	186.998						80#	0#			0.06
	186.854						80#	0#			0.11
	186.846						80#	0#			0.28
	186.834						80#	0#			0.33
0:17:40	187.846	0	17	RUN 6	728	REL REL	80#	0#	-154:99	33:99	
	187.833						80#	0#			0.30
	187.621						80#	0#			0.15
	187.477						80#	0#			0.16
	187.333						80#	0#			0.12
	187.189						80#	0#			0.00
	187.045						80#	0#			0.07
	186.901						80#	0#			0.06
	186.894						80#	0#			0.11
	186.881						80#	0#			0.28
HELPERS				RUN 6	734	REL REL	80#	0#			0.33
							80#	0#			0.30
							80#	0#			0.15
							80#	0#			0.16
							80#	0#			0.12
							80#	0#			0.00
							80#	0#			0.07
							80#	0#			0.06
							80#	0#			0.11
							80#	0#			0.28
HELPERS							80#	0#			0.33
							80#	0#			0.30
							80#	0#			0.15
							80#	0#			0.16
							80#	0#			0.12
							80#	0#			0.10
							80#	0#			0.07
							80#	0#			0.06
							80#	0#			0.11
							80#	0#			0.28

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING TRN	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO		
											FORE	AFT			
0:17:50	187.694	0	17	RUN	6	729	REL	80# 0#	-152:99	.33:99	1	SD40	0 KIPS	51 KIPS	0.15
	187.681							80# 0#			2	SD40	51 KIPS	102 KIPS	0.16
	187.669							80# 0#			3	GONDOLA	102 KIPS	99 KIPS	0.12
	187.525							80# 0#			22	GONDOLA	84 KIPS	63 KIPS	0.12
	187.381							80# 0#			41	GONDOLA	20 KIPS	17 KIPS	0.07
	187.237							80# 0#			60	GONDOLA	-44 KIPS	-47 KIPS	0.05
	187.093							80# 0#			79	GONDOLA	-97 KIPS	-99 KIPS	0.11
	186.949							80# 0#			98	GONDOLA	-150 KIPS	-152 KIPS	0.27
	186.942							80# 0#			99	SD40	-152 KIPS	-102 KIPS	0.33
	186.929							80# 0#			100	SD40	-102 KIPS	-52 KIPS	0.29
0:18:0	187.742	0	17	RUN	6	724	REL	80# 0#	-151:99	.33:99	1	SD40	0 KIPS	51 KIPS	0.15
	187.730							80# 0#			2	SD40	51 KIPS	101 KIPS	0.16
	187.717							80# 0#			3	GONDOLA	101 KIPS	99 KIPS	0.12
	187.573							80# 0#			22	GONDOLA	57 KIPS	55 KIPS	0.12
	187.429							80# 0#			41	GONDOLA	18 KIPS	15 KIPS	0.07
	187.285							80# 0#			60	GONDOLA	-47 KIPS	-50 KIPS	0.11
	187.141							80# 0#			79	GONDOLA	-98 KIPS	-100 KIPS	0.11
	186.998							80# 0#			98	GONDOLA	-148 KIPS	-151 KIPS	0.27
	186.990							80# 0#			99	SD40	-151 KIPS	-101 KIPS	0.33
	186.978							80# 0#			100	SD40	-101 KIPS	-51 KIPS	0.29
-----> TRAIN ENTERING 0.00 DEGREE CURVE															
0:18:10	187.790	0	17	RUN	6	719	REL	80# 0#	-150:99	.32:99	1	SD40	0 KIPS	51 KIPS	0.15
	187.778							80# 0#			2	SD40	51 KIPS	101 KIPS	0.16
	187.766							80# 0#			3	GONDOLA	101 KIPS	98 KIPS	0.13
	187.622							80# 0#			22	GONDOLA	56 KIPS	54 KIPS	0.12
	187.478							80# 0#			41	GONDOLA	21 KIPS	19 KIPS	0.00
	187.334							80# 0#			60	GONDOLA	-45 KIPS	-47 KIPS	0.11
	187.190							80# 0#			79	GONDOLA	-96 KIPS	-99 KIPS	0.11
	187.046							80# 0#			98	GONDOLA	-147 KIPS	-150 KIPS	0.27
	187.038							80# 0#			99	SD40	-150 KIPS	-100 KIPS	0.32
	187.026							80# 0#			100	SD40	-100 KIPS	-51 KIPS	0.29
0:18:20	187.839	0	18	RUN	6	718	REL	80# 0#	-148:99	.32:99	1	SD40	0 KIPS	51 KIPS	0.01
	187.827							80# 0#			2	SD40	51 KIPS	101 KIPS	0.16
	187.814							80# 0#			3	GONDOLA	101 KIPS	99 KIPS	0.13
	187.671							80# 0#			22	GONDOLA	58 KIPS	55 KIPS	0.12
	187.527							80# 0#			41	GONDOLA	21 KIPS	21 KIPS	0.11
	187.383							80# 0#			60	GONDOLA	-34 KIPS	-37 KIPS	0.08
	187.239							80# 0#			79	GONDOLA	-92 KIPS	-95 KIPS	0.10
	187.095							80# 0#			98	GONDOLA	-145 KIPS	-148 KIPS	0.27
	187.085							80# 0#			99	SD40	-148 KIPS	-99 KIPS	0.32
	187.087							80# 0#			100	SD40	-99 KIPS	-50 KIPS	0.29
187.075							80# 0#								
RUN 6 715 REL REL															
HELPERS															

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS 713	REL REL	BRAKES TRN IND PIPE CYL	SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES			L/V RATIO
										IDENTIFIER	DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:18:30	187.888	0	18	RUN	6	713	REL	REL	1	SD40	0 KIPS	50 KIPS	0.00
	187.876								2	SD40	50 KIPS	100 KIPS	0.00
	187.864								3	GONDOLA	100 KIPS	98 KIPS	0.00
	187.720								22	GONDOLA	58 KIPS	58 KIPS	0.12
	187.876								41	GONDOLA	13 KIPS	10 KIPS	0.11
	187.432								60	GONDOLA	-33 KIPS	-38 KIPS	0.09
	187.288								78	GONDOLA	-91 KIPS	-94 KIPS	0.17
	187.144								98	GONDOLA	-143 KIPS	-148 KIPS	0.27
	187.136								99	SD40	-146 KIPS	-98 KIPS	0.32
HELPERS	187.124								100	SD40	-98 KIPS	-50 KIPS	0.28
0:18:40	187.938	0	18	RUN	6	703	REL	REL	1	SD40	0 KIPS	50 KIPS	0.00
	187.925								2	SD40	50 KIPS	99 KIPS	0.00
	187.913								3	SD40	97 KIPS	97 KIPS	0.00
	187.769								22	GONDOLA	58 KIPS	55 KIPS	0.12
	187.625								41	GONDOLA	10 KIPS	7 KIPS	0.11
	187.481								60	GONDOLA	-33 KIPS	-35 KIPS	0.04
	187.337								79	GONDOLA	-88 KIPS	-92 KIPS	0.17
	187.193								98	GONDOLA	-143 KIPS	-146 KIPS	0.27
HELPERS	187.185								99	SD40	-148 KIPS	-98 KIPS	0.32
	187.174								100	SD40	-98 KIPS	-49 KIPS	0.28
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
0:18:50	187.988	0	18	RUN	6	698	REL	REL	1	SD40	0 KIPS	48 KIPS	0.15
	187.975								2	SD40	49 KIPS	98 KIPS	0.07
	187.963								3	GONDOLA	98 KIPS	95 KIPS	0.00
	187.819								22	GONDOLA	60 KIPS	58 KIPS	0.12
	187.676								41	GONDOLA	15 KIPS	12 KIPS	0.11
	187.531								60	GONDOLA	-33 KIPS	-38 KIPS	0.12
	187.387								79	GONDOLA	-84 KIPS	-87 KIPS	0.17
	187.243								98	GONDOLA	-141 KIPS	-144 KIPS	0.26
	187.236								99	SD40	-144 KIPS	-97 KIPS	0.31
HELPERS	187.224								100	SD40	-97 KIPS	-49 KIPS	0.28
0:19:0	188.038	0	18	RUN	6	691	REL	REL	1	SD40	0 KIPS	48 KIPS	0.14
	188.026								2	SD40	48 KIPS	98 KIPS	0.15
	188.014								3	GONDOLA	98 KIPS	94 KIPS	0.11
	187.870								22	GONDOLA	58 KIPS	56 KIPS	0.00
	187.726								41	GONDOLA	15 KIPS	12 KIPS	0.11
	187.582								60	GONDOLA	-38 KIPS	-38 KIPS	0.12
	187.438								79	GONDOLA	-78 KIPS	-81 KIPS	0.17
	187.294								98	GONDOLA	-138 KIPS	-141 KIPS	0.31
HELPERS	187.286								99	SD40	-141 KIPS	-94 KIPS	0.38
	187.274								100	SD40	-94 KIPS	-47 KIPS	0.31
-----> TRAIN ENTERING 0.85 % GRADE													

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	BRAKES SETTING IND	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRABBAR FORCES FORE	DRABBAR FORCES AFT	
0:19:10	188.089	0	18	RUN	6	685	REL REL	80#	0#	0#	47 KIPS	0.13
	188.077							80#	0#	0#	94 KIPS	0.15
	188.065							80#	0#	0#	92 KIPS	0.11
	187.921							80#	0#	0#	52 KIPS	0.00
	187.777							80#	0#	0#	10 KIPS	0.11
	187.633							80#	0#	0#	-42 KIPS	0.13
	187.489							80#	0#	0#	-82 KIPS	0.15
	187.345							80#	0#	0#	-138 KIPS	0.31
	187.337							80#	0#	0#	-94 KIPS	0.38
	187.325							80#	0#	0#	-48 KIPS	0.31
	188.141							80#	0#	0#	0 KIPS	0.13
	188.129							80#	0#	0#	48 KIPS	0.15
	188.118							80#	0#	0#	89 KIPS	0.11
	187.972							80#	0#	0#	44 KIPS	0.00
	187.828							80#	0#	0#	12 KIPS	0.00
	187.684							80#	0#	0#	-43 KIPS	0.13
	187.540							80#	0#	0#	-90 KIPS	0.21
	187.397							80#	0#	0#	-137 KIPS	0.31
	187.389							80#	0#	0#	-92 KIPS	0.31
	187.377							80#	0#	0#	45 KIPS	0.13
	188.193							80#	0#	0#	91 KIPS	0.15
	188.181							80#	0#	0#	88 KIPS	0.11
	188.168							80#	0#	0#	38 KIPS	0.10
	188.024							80#	0#	0#	-11 KIPS	0.01
	187.880							80#	0#	0#	-47 KIPS	0.13
	187.738							80#	0#	0#	-94 KIPS	0.21
	187.592							80#	0#	0#	-133 KIPS	0.30
	187.449							80#	0#	0#	-136 KIPS	0.40
	187.441							80#	0#	0#	-91 KIPS	0.34
	187.429							80#	0#	0#	45 KIPS	0.13
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
0:19:40	188.245	0	19	RUN	6	689	REL REL	80#	0#	0#	45 KIPS	0.13
	188.233							80#	0#	0#	90 KIPS	0.15
	188.221							80#	0#	0#	87 KIPS	0.12
	188.077							80#	0#	0#	33 KIPS	0.10
	187.933							80#	0#	0#	-14 KIPS	0.02
	187.789							80#	0#	0#	-53 KIPS	0.13
	187.645							80#	0#	0#	-98 KIPS	0.22
	187.501							80#	0#	0#	-139 KIPS	0.34
	187.493							80#	0#	0#	-91 KIPS	0.31
	187.481							80#	0#	0#	-46 KIPS	0.29

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	BRAKES SETTING IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:19:50	188.298	0	19	RUN	6	663	REL REL	80#	0#	-143:99	40:99	0.00
	188.286							80#	0#			0.01
	188.273							80#	0#			0.11
	188.129							80#	0#			0.10
	187.985							80#	0#			0.10
	187.841							80#	0#			0.08
	187.688							80#	0#			0.22
	187.554							80#	0#			0.28
	187.546							80#	0#			0.40
	187.534							80#	0#			0.33
HELPERS	188.351	0	19	RUN	6	665	REL REL	80#	0#	-136:99	33:99	0.00
	188.339							80#	0#			0.00
	188.328							80#	0#			0.00
	188.182							80#	0#			0.10
	188.038							80#	0#			0.10
	187.894							80#	0#			0.08
	187.750							80#	0#			0.21
	187.607							80#	0#			0.28
	187.599							80#	0#			0.33
	187.587							80#	0#			0.26
0:20:10	188.404	0	19	RUN	6	663	REL REL	80#	0#	-136:99	33:99	0.00
	188.392							80#	0#			0.00
	188.379							80#	0#			0.00
	188.235							80#	0#			0.10
	188.091							80#	0#			0.10
	187.947							80#	0#			0.07
	187.804							80#	0#			0.21
	187.660							80#	0#			0.33
	187.652							80#	0#			0.28
	187.640							80#	0#			0.33
HELPERS	188.457	0	19	RUN	6	662	REL REL	80#	0#	-136:99	33:99	0.00
	188.445							80#	0#			0.00
	188.432							80#	0#			0.00
	188.288							80#	0#			0.00
	188.145							80#	0#			0.10
	188.001							80#	0#			0.13
	187.857							80#	0#			0.10
	187.713							80#	0#			0.28
	187.705							80#	0#			0.33
	187.693							80#	0#			0.28

STATION TIME	MP	SPEED LMT RUN	THLTL AMP	SETTING TRN IN	PRESSURE CYL	BRAKES IND PIPE	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRUMBAR FORCES FORE	AFT	
0:20:30	188.510	0	19	RUN 6	660	REL	REL	1	SD40	0 KIPS	45 KIPS	0.00
	188.498							2	SD40	45 KIPS	89 KIPS	0.00
	188.486							3	GONDOLA	89 KIPS	87 KIPS	0.00
	188.442							22	GONDOLA	45 KIPS	43 KIPS	0.00
	188.198							41	GONDOLA	-3 KIPS	-8 KIPS	0.10
	188.054							60	GONDOLA	-55 KIPS	-58 KIPS	0.13
	187.910							78	GONDOLA	-98 KIPS	-98 KIPS	0.11
	187.758							98	GONDOLA	-132 KIPS	-134 KIPS	0.28
	187.758							99	SD40	-134 KIPS	-89 KIPS	0.33
	187.748							100	SD40	-89 KIPS	-45 KIPS	0.26
-----> TRAIN ENTERING 4.00 DEGREE CURVE												
0:20:40	188.563	0	19	RUN 6	659	REL	REL	1	SD40	0 KIPS	45 KIPS	0.15
	188.551							2	SD40	45 KIPS	89 KIPS	0.15
	188.539							3	GONDOLA	89 KIPS	87 KIPS	0.11
	188.395							22	GONDOLA	44 KIPS	41 KIPS	0.00
	188.251							41	GONDOLA	-3 KIPS	-8 KIPS	0.10
	188.107							60	GONDOLA	-55 KIPS	-58 KIPS	0.13
	187.963							78	GONDOLA	-99 KIPS	-101 KIPS	0.11
	187.819							98	GONDOLA	-135 KIPS	-137 KIPS	0.28
	187.812							99	SD40	-137 KIPS	-91 KIPS	0.34
	187.799							100	SD40	-91 KIPS	-48 KIPS	0.26
0:20:50	188.617	0	19	RUN 6	661	REL	REL	1	SD40	0 KIPS	44 KIPS	0.13
	188.604							2	SD40	44 KIPS	88 KIPS	0.15
	188.592							3	GONDOLA	88 KIPS	86 KIPS	0.11
	188.448							22	GONDOLA	44 KIPS	41 KIPS	0.00
	188.304							41	GONDOLA	-4 KIPS	-5 KIPS	0.00
	188.160							60	GONDOLA	-51 KIPS	-54 KIPS	0.12
	188.016							78	GONDOLA	-100 KIPS	-102 KIPS	0.21
	187.872							98	GONDOLA	-138 KIPS	-137 KIPS	0.25
	187.865							99	SD40	-137 KIPS	-92 KIPS	0.30
	187.852							100	SD40	-92 KIPS	-47 KIPS	0.27
-----> TRAIN ENTERING 0.71 % GRADE												
0:21:0	188.670	0	19	RUN 6	662	REL	REL	1	SD40	0 KIPS	45 KIPS	0.13
	188.657							2	SD40	45 KIPS	89 KIPS	0.15
	188.645							3	GONDOLA	89 KIPS	86 KIPS	0.11
	188.501							22	GONDOLA	41 KIPS	39 KIPS	0.00
	188.357							41	GONDOLA	-4 KIPS	-7 KIPS	0.00
	188.213							60	GONDOLA	-49 KIPS	-52 KIPS	0.12
	188.069							78	GONDOLA	-100 KIPS	-102 KIPS	0.21
	187.925							98	GONDOLA	-136 KIPS	-138 KIPS	0.25
	187.918							99	SD40	-138 KIPS	-92 KIPS	0.30
	187.906							100	SD40	-92 KIPS	-47 KIPS	0.27

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE CYL	SETTING PRESSURE	(AND LOCATION) KIPS:CAR L/V:CAR	MAXIMUMS L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											FOR DRAWBAR FORCES AFT	FOR DRAWBAR FORCES AFT	
0:21:10	188.723	0	19	RUN 6	665	REL	REL	80# 0#	1	SD40	0 KIPS	45 KIPS	0.13
	188.710							80# 0#	2	SD40	45 KIPS	91 KIPS	0.15
	188.698							80# 0#	3	GONDOLA	91 KIPS	88 KIPS	0.11
	188.554							80# 0#	22	GONDOLA	44 KIPS	42 KIPS	0.10
	188.410							80# 0#	41	GONDOLA	5 KIPS	-7 KIPS	0.00
	188.266							80# 0#	60	GONDOLA	-47 KIPS	-48 KIPS	0.13
	188.122							80# 0#	79	GONDOLA	-98 KIPS	-99 KIPS	0.20
	187.978							80# 0#	98	GONDOLA	-138 KIPS	-139 KIPS	0.25
HELPERS	187.971			RUN 6	666	REL	REL	80# 0#	98	SD40	-93 KIPS	-93 KIPS	0.30
	187.958							80# 0#	100	SD40	-47 KIPS	-47 KIPS	0.27
0:21:20	188.775	0	19	RUN 6	670	REL	REL	80# 0#	1	SD40	0 KIPS	46 KIPS	0.13
	188.763							80# 0#	2	SD40	46 KIPS	91 KIPS	0.15
	188.751							80# 0#	3	GONDOLA	91 KIPS	89 KIPS	0.11
	188.607							80# 0#	22	GONDOLA	47 KIPS	44 KIPS	0.10
	188.463							80# 0#	41	GONDOLA	2 KIPS	-5 KIPS	0.00
	188.319							80# 0#	60	GONDOLA	-42 KIPS	-44 KIPS	0.05
	188.175							80# 0#	79	GONDOLA	-89 KIPS	-92 KIPS	0.19
	188.031							80# 0#	98	GONDOLA	-138 KIPS	-138 KIPS	0.34
HELPERS	188.023			RUN 6	669	REL	REL	80# 0#	99	SD40	-138 KIPS	-93 KIPS	0.42
	188.011							80# 0#	100	SD40	-93 KIPS	-47 KIPS	0.32
0:21:30	188.827	0	19	RUN 6	673	REL	REL	80# 0#	1	SD40	0 KIPS	46 KIPS	0.13
	188.815							80# 0#	2	SD40	46 KIPS	92 KIPS	0.15
	188.803							80# 0#	3	GONDOLA	92 KIPS	89 KIPS	0.11
	188.659							80# 0#	22	GONDOLA	48 KIPS	45 KIPS	0.10
	188.515							80# 0#	41	GONDOLA	-4 KIPS	-4 KIPS	0.00
	188.371							80# 0#	60	GONDOLA	-44 KIPS	-48 KIPS	0.05
	188.227							80# 0#	79	GONDOLA	-87 KIPS	-88 KIPS	0.18
	188.083							80# 0#	98	GONDOLA	-138 KIPS	-138 KIPS	0.34
HELPERS	188.076			RUN 6	673	REL	REL	80# 0#	99	SD40	-138 KIPS	-93 KIPS	0.42
	188.063							80# 0#	100	SD40	-93 KIPS	-47 KIPS	0.32
0:21:40	188.878	0	19	RUN 6	676	REL	REL	80# 0#	1	SD40	0 KIPS	46 KIPS	0.13
	188.867							80# 0#	2	SD40	46 KIPS	92 KIPS	0.16
	188.855							80# 0#	3	GONDOLA	92 KIPS	90 KIPS	0.11
	188.711							80# 0#	22	GONDOLA	50 KIPS	48 KIPS	0.10
	188.567							80# 0#	41	GONDOLA	-12 KIPS	-12 KIPS	0.10
	188.423							80# 0#	60	GONDOLA	-44 KIPS	-46 KIPS	0.06
	188.279							80# 0#	79	GONDOLA	-86 KIPS	-88 KIPS	0.11
	188.135							80# 0#	98	GONDOLA	-135 KIPS	-137 KIPS	0.33
HELPERS	188.128			RUN 6	677	REL	REL	80# 0#	99	SD40	-137 KIPS	-92 KIPS	0.41
	188.115							80# 0#	100	SD40	-92 KIPS	-46 KIPS	0.32

STATION TIME	NP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRABAR FORCES FORE	AFT	L/V RATIO
0:21:50	188.931	0	19	RUN	8	679	REL	REL	80#	0#	-137:99	.41:99	
	188.919								80#	0#			0.13
	188.907								80#	0#			0.15
	188.763								80#	0#			0.11
	188.619								80#	0#			0.10
	188.475								80#	0#			0.10
	188.331								80#	0#			0.05
	188.187								80#	0#			0.10
HELPERS	188.179								80#	0#			0.33
	188.167								80#	0#			0.41
-----> TRAIN ENTERING 0.00 DEGREE CURVE													0.32
0:22:0	188.983	0	19	RUN	8	680	REL	REL	80#	0#	-138:99	.43:99	
	188.970								80#	0#			0.13
	188.958								80#	0#			0.15
	188.814								80#	0#			0.11
	188.670								80#	0#			0.10
	188.526								80#	0#			0.10
	188.382								80#	0#			0.06
	188.238								80#	0#			0.10
HELPERS	188.231								80#	0#			0.34
	188.219								80#	0#			0.43
0:22:10	189.034	0	19	RUN	8	680	REL	REL	80#	0#	-139:99	.37:100	
	189.022								80#	0#			0.02
	189.010								80#	0#			0.15
	188.868								80#	0#			0.12
	188.722								80#	0#			0.10
	188.578								80#	0#			0.10
	188.434								80#	0#			0.12
	188.290								80#	0#			0.11
HELPERS	188.282								80#	0#			0.25
	188.270								80#	0#			0.34
0:22:20	189.088	0	19	RUN	8	681	REL	REL	80#	0#	-140:99	.30:99	
	189.074								80#	0#			0.00
	189.061								80#	0#			0.00
	188.917								80#	0#			0.00
	188.773								80#	0#			0.10
	188.630								80#	0#			0.10
	188.488								80#	0#			0.12
HELPERS	188.342								80#	0#			0.10
	188.334								80#	0#			0.25
	188.322								80#	0#			0.30
-----> TRAIN ENTERING 4.00 DEGREE CURVE													0.27

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:22:30	189.138	0	19	RUN	8	877	REL	REL	1	SD40	0 KIPS	47 KIPS	0.13
	189.125								2	SD40	47 KIPS	94 KIPS	0.00
	189.113								3	GONDOLA	94 KIPS	92 KIPS	0.00
	188.969								22	GONDOLA	53 KIPS	51 KIPS	0.10
	188.825								41	GONDOLA	7 KIPS	13 KIPS	0.10
	188.681								60	GONDOLA	-42 KIPS	-45 KIPS	0.12
	188.537								79	GONDOLA	-94 KIPS	-98 KIPS	0.20
	188.393								98	GONDOLA	-138 KIPS	-140 KIPS	0.25
	188.386								99	SD40	-94 KIPS	-94 KIPS	0.30
	188.373								100	SD40	-94 KIPS	-48 KIPS	0.27
HELPERS	188.189	0	19	RUN	8	876	REL	REL	1	SD40	0 KIPS	48 KIPS	0.15
	189.177								2	SD40	48 KIPS	93 KIPS	0.15
	189.165								3	GONDOLA	93 KIPS	91 KIPS	0.14
	189.021								22	GONDOLA	54 KIPS	52 KIPS	0.10
	188.877								41	GONDOLA	12 KIPS	9 KIPS	0.10
	188.733								60	GONDOLA	-41 KIPS	-43 KIPS	0.12
	188.589								79	GONDOLA	-91 KIPS	-94 KIPS	0.20
	188.445								98	GONDOLA	-137 KIPS	-139 KIPS	0.25
	188.438								99	SD40	-93 KIPS	-93 KIPS	0.30
	188.425								100	SD40	-93 KIPS	-47 KIPS	0.27
0:22:50	189.241	0	19	RUN	8	876	REL	REL	1	SD40	0 KIPS	48 KIPS	0.13
	189.229								2	SD40	48 KIPS	92 KIPS	0.15
	189.217								3	GONDOLA	92 KIPS	90 KIPS	0.10
	189.073								22	GONDOLA	54 KIPS	52 KIPS	0.00
	188.929								41	GONDOLA	12 KIPS	9 KIPS	0.10
	188.785								60	GONDOLA	-39 KIPS	-41 KIPS	0.12
	188.641								79	GONDOLA	-88 KIPS	-88 KIPS	0.19
	188.497								98	GONDOLA	-138 KIPS	-138 KIPS	0.25
	188.489								99	SD40	-93 KIPS	-93 KIPS	0.30
	188.477								100	SD40	-93 KIPS	-47 KIPS	0.27
-----> TRAIN ENTERING 1.07 % GRADE													
0:23:0	189.283	0	19	RUN	8	874	REL	REL	1	SD40	0 KIPS	48 KIPS	0.13
	189.281								2	SD40	48 KIPS	92 KIPS	0.15
	189.269								3	GONDOLA	92 KIPS	89 KIPS	0.10
	189.125								22	GONDOLA	48 KIPS	46 KIPS	0.00
	188.981								41	GONDOLA	7 KIPS	5 KIPS	0.10
	188.837								60	GONDOLA	-40 KIPS	-43 KIPS	0.12
	188.693								79	GONDOLA	-85 KIPS	-88 KIPS	0.19
	188.549								98	GONDOLA	-137 KIPS	-139 KIPS	0.34
	188.541								99	SD40	-139 KIPS	-93 KIPS	0.41
	188.529								100	SD40	-93 KIPS	-47 KIPS	0.28
HELPERS	189.281								1	SD40	0 KIPS	48 KIPS	0.13
	189.269								2	SD40	48 KIPS	92 KIPS	0.15
	189.125								3	GONDOLA	92 KIPS	89 KIPS	0.10
	188.981								22	GONDOLA	48 KIPS	46 KIPS	0.00
	188.837								41	GONDOLA	7 KIPS	5 KIPS	0.10
	188.693								60	GONDOLA	-40 KIPS	-43 KIPS	0.12
	188.549								79	GONDOLA	-85 KIPS	-88 KIPS	0.19
	188.541								98	GONDOLA	-137 KIPS	-139 KIPS	0.34
	188.529								99	SD40	-139 KIPS	-93 KIPS	0.41
	188.529								100	SD40	-93 KIPS	-47 KIPS	0.28

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS REL	SETTING REL	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	DRABAR FORCES AFT	
0:23:10	189.345	0	19	RUN	6	678	REL	REL	80#	0#	0 KIPS	45 KIPS	0.13
	189.333								80#	0#	45 KIPS	90 KIPS	0.15
	189.321								80#	0#	90 KIPS	87 KIPS	0.10
	189.177								80#	0#	43 KIPS	41 KIPS	0.12
HELPERS	189.033								80#	0#	7 KIPS	6 KIPS	0.00
	188.899								80#	0#	-40 KIPS	-42 KIPS	0.12
	188.745								80#	0#	-85 KIPS	-87 KIPS	0.18
	188.601								80#	0#	-135 KIPS	-137 KIPS	0.34
0:23:20	188.594								80#	0#	-92 KIPS	-92 KIPS	0.41
	188.581								80#	0#	-46 KIPS	-46 KIPS	0.32
	189.387	0	19	RUN	6	680	REL	REL	80#	0#	0 KIPS	45 KIPS	0.13
	189.385								80#	0#	45 KIPS	90 KIPS	0.15
HELPERS	189.373								80#	0#	90 KIPS	87 KIPS	0.10
	189.229								80#	0#	-23 KIPS	-21 KIPS	0.02
	189.085								80#	0#	-48 KIPS	-51 KIPS	0.12
	188.941								80#	0#	-91 KIPS	-94 KIPS	0.19
0:23:30	188.797								80#	0#	-135 KIPS	-137 KIPS	0.34
	188.653								80#	0#	-92 KIPS	-92 KIPS	0.41
	188.645								80#	0#	0 KIPS	45 KIPS	0.13
	188.633	0	19	RUN	6	677	REL	REL	80#	0#	45 KIPS	90 KIPS	0.15
HELPERS	189.449								80#	0#	90 KIPS	88 KIPS	0.10
	189.437								80#	0#	31 KIPS	29 KIPS	0.10
	189.425								80#	0#	-20 KIPS	-22 KIPS	0.10
	189.281								80#	0#	-54 KIPS	-56 KIPS	0.13
0:23:40	189.137								80#	0#	-138 KIPS	-141 KIPS	0.34
	188.993								80#	0#	-141 KIPS	-141 KIPS	0.42
	188.849								80#	0#	-94 KIPS	-94 KIPS	0.33
	188.705								80#	0#	0 KIPS	46 KIPS	0.13
HELPERS	188.697								80#	0#	46 KIPS	91 KIPS	0.15
	188.685								80#	0#	35 KIPS	32 KIPS	0.10
	189.501	0	19	RUN	6	683	REL	REL	80#	0#	-19 KIPS	-21 KIPS	0.10
	189.488								80#	0#	-54 KIPS	-56 KIPS	0.06
0:23:50	189.476								80#	0#	-85 KIPS	-88 KIPS	0.20
	189.332								80#	0#	-138 KIPS	-141 KIPS	0.34
	189.188								80#	0#	-94 KIPS	-94 KIPS	0.42
	189.044								80#	0#	0 KIPS	46 KIPS	0.13
HELPERS	188.900								80#	0#	46 KIPS	91 KIPS	0.15
	188.758								80#	0#	35 KIPS	32 KIPS	0.10
	188.749								80#	0#	-19 KIPS	-21 KIPS	0.10
	188.736								80#	0#	-54 KIPS	-56 KIPS	0.06

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	BRAKES PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:23:50	189.552	0	18	6	689	REL	REL	80# 0# -144:99 .43:99	1	SD40	0 KIPS	48 KIPS	0.13
	189.540							80# 0#	2	SD40	48 KIPS	92 KIPS	0.17
	189.527							80# 0#	3	GONDOLA	92 KIPS	89 KIPS	0.13
	189.383							80# 0#	22	GONDOLA	36 KIPS	33 KIPS	0.10
	189.239							80# 0#	41	GONDOLA	-31 KIPS	-34 KIPS	0.11
HELPERS	189.095							80# 0#	60	GONDOLA	-89 KIPS	-70 KIPS	0.08
	188.952							80# 0#	79	GONDOLA	-102 KIPS	-104 KIPS	0.21
	188.808							80# 0#	98	GONDOLA	-141 KIPS	-144 KIPS	0.35
	188.800							80# 0#	99	SD40	-144 KIPS	-98 KIPS	0.43
	188.788							80# 0#	100	SD40	-96 KIPS	-49 KIPS	0.33
0:24:0	189.603	0	18	6	689	REL	REL	80# 0# -145:99 .43:99	1	SD40	0 KIPS	47 KIPS	0.00
	189.590							80# 0#	2	SD40	47 KIPS	94 KIPS	0.00
	189.578							80# 0#	3	GONDOLA	94 KIPS	91 KIPS	0.01
	189.434							80# 0#	22	GONDOLA	41 KIPS	38 KIPS	0.10
	189.280							80# 0#	41	GONDOLA	-32 KIPS	-35 KIPS	0.11
HELPERS	189.148							80# 0#	60	GONDOLA	-70 KIPS	-72 KIPS	0.18
	189.002							80# 0#	78	GONDOLA	-103 KIPS	-105 KIPS	0.21
	188.858							80# 0#	98	GONDOLA	-143 KIPS	-145 KIPS	0.35
	188.851							80# 0#	99	SD40	-145 KIPS	-97 KIPS	0.43
	188.839							80# 0#	100	SD40	-97 KIPS	-48 KIPS	0.34
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
0:24:10	189.653	0	18	6	700	REL	REL	80# 0# -146:99 .43:99	1	SD40	0 KIPS	48 KIPS	0.13
	189.641							80# 0#	2	SD40	48 KIPS	95 KIPS	0.02
	189.629							80# 0#	3	GONDOLA	95 KIPS	93 KIPS	0.00
	189.485							80# 0#	22	GONDOLA	44 KIPS	41 KIPS	0.10
	189.341							80# 0#	41	GONDOLA	-22 KIPS	-25 KIPS	0.10
HELPERS	189.197							80# 0#	60	GONDOLA	-70 KIPS	-73 KIPS	0.17
	189.053							80# 0#	79	GONDOLA	-107 KIPS	-109 KIPS	0.12
	188.908							80# 0#	98	GONDOLA	-144 KIPS	-149 KIPS	0.35
	188.901							80# 0#	99	SD40	-148 KIPS	-94 KIPS	0.43
	188.889							80# 0#	100	SD40	-98 KIPS	-50 KIPS	0.34
0:24:20	189.703	0	18	6	702	REL	REL	80# 0# -148:99 .44:99	1	SD40	0 KIPS	47 KIPS	0.15
	189.691							80# 0#	2	SD40	47 KIPS	94 KIPS	0.15
	189.678							80# 0#	3	GONDOLA	94 KIPS	91 KIPS	0.11
	189.535							80# 0#	22	GONDOLA	41 KIPS	38 KIPS	0.10
	189.391							80# 0#	41	GONDOLA	-24 KIPS	-27 KIPS	0.11
HELPERS	189.247							80# 0#	60	GONDOLA	-75 KIPS	-77 KIPS	0.18
	189.103							80# 0#	78	GONDOLA	-112 KIPS	-114 KIPS	0.13
	188.959							80# 0#	98	GONDOLA	-148 KIPS	-148 KIPS	0.35
	188.951							80# 0#	99	SD40	-148 KIPS	-99 KIPS	0.44
	188.939							80# 0#	100	SD40	-99 KIPS	-51 KIPS	0.34

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:24:30	189.753	0	18	RUN	6	713	REL	REL	80#	0#	-149:99	.45:99	
	189.740								80#	0#			
	189.728								80#	0#			
	189.584								80#	0#			
	189.440								80#	0#			
	189.296								80#	0#			
	189.152								80#	0#			
	189.008								80#	0#			
HELPERS	189.001								80#	0#			
	189.988								80#	0#			
0:24:40	189.801	0	17	RUN	6	720	REL	REL	80#	0#	-153:99	.33:99	
	189.789								80#	0#			
	189.777								80#	0#			
	189.633								80#	0#			
	189.489								80#	0#			
	189.345								80#	0#			
	189.201								80#	0#			
	189.057								80#	0#			
HELPERS	189.049								80#	0#			
	189.037								80#	0#			
0:24:50	189.850	0	17	RUN	6	730	REL	REL	80#	0#	-156:99	.34:99	
	189.837								80#	0#			
	189.825								80#	0#			
	189.681								80#	0#			
	189.537								80#	0#			
	189.393								80#	0#			
	189.249								80#	0#			
	189.105								80#	0#			
HELPERS	189.088								80#	0#			
	189.085								80#	0#			
0:25: 0	189.897	0	17	RUN	6	742	REL	REL	80#	0#	-158:99	.41:99	
	189.885								80#	0#			
	189.872								80#	0#			
	189.728								80#	0#			
	189.584								80#	0#			
	189.441								80#	0#			
	189.297								80#	0#			
HELPERS	189.153								80#	0#			
	189.145								80#	0#			
	189.133								80#	0#			

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	BRAKES PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	AFT	
0:25:10	189.944	0	17	RUN	6	755	REL	REL	80#	0#	0#	0#	0.13
	189.931								80#	0#	52 KIPS	104 KIPS	0.15
	189.919								80#	0#	104 KIPS	102 KIPS	0.11
	189.775								80#	0#	49 KIPS	46 KIPS	0.10
	189.631								80#	0#	-8 KIPS	-10 KIPS	0.01
	189.487								80#	0#	-80 KIPS	-83 KIPS	0.15
	189.343								80#	0#	-115 KIPS	-118 KIPS	0.23
	189.199								80#	0#	-158 KIPS	-160 KIPS	0.31
HELPERS	189.192								80#	0#	-160 KIPS	-107 KIPS	0.41
	189.179								80#	0#	-107 KIPS	-54 KIPS	0.35
0:25:20	189.989	0	18	RUN	6	769	REL	REL	80#	0#	0 KIPS	54 KIPS	0.02
	189.977								80#	0#	54 KIPS	108 KIPS	0.19
	189.965								80#	0#	108 KIPS	105 KIPS	0.12
	189.821								80#	0#	53 KIPS	50 KIPS	0.10
	189.677								80#	0#	-8 KIPS	-8 KIPS	0.10
	189.533								80#	0#	-56 KIPS	-58 KIPS	0.14
	189.389								80#	0#	-112 KIPS	-114 KIPS	0.22
	189.245								80#	0#	-182 KIPS	-184 KIPS	0.31
HELPERS	189.237								80#	0#	-184 KIPS	-109 KIPS	0.37
	189.225								80#	0#	-109 KIPS	-55 KIPS	0.30
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
0:25:30	190.034	0	18	RUN	6	780	REL	REL	80#	0#	0 KIPS	54 KIPS	0.15
	190.022								80#	0#	54 KIPS	108 KIPS	0.15
	190.010								80#	0#	108 KIPS	106 KIPS	0.10
	189.868								80#	0#	54 KIPS	51 KIPS	0.10
	189.722								80#	0#	-3 KIPS	-6 KIPS	0.10
	189.578								80#	0#	-55 KIPS	-58 KIPS	0.08
	189.434								80#	0#	-109 KIPS	-112 KIPS	0.22
	189.290								80#	0#	-184 KIPS	-187 KIPS	0.31
HELPERS	189.282								80#	0#	-187 KIPS	-112 KIPS	0.38
	189.270								80#	0#	-112 KIPS	-56 KIPS	0.31
0:25:40	190.078	0	18	RUN	6	794	REL	REL	80#	0#	0 KIPS	55 KIPS	0.14
	190.066								80#	0#	55 KIPS	111 KIPS	0.15
	190.054								80#	0#	111 KIPS	108 KIPS	0.15
	189.910								80#	0#	59 KIPS	56 KIPS	0.10
	189.766								80#	0#	-21 KIPS	-22 KIPS	0.10
	189.622								80#	0#	-54 KIPS	-57 KIPS	0.06
	189.478								80#	0#	-108 KIPS	-111 KIPS	0.22
	189.334								80#	0#	-184 KIPS	-187 KIPS	0.31
HELPERS	189.326								80#	0#	-187 KIPS	-113 KIPS	0.38
	189.314								80#	0#	-113 KIPS	-57 KIPS	0.31

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STATION TIME	MP	SPEED LMT RUN	THLTL AMP'S TRN IND PIPE CYL	SETTING PRESSURE REL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
0:25:50	190.122	0	16	RUN 6	806 REL REL	80# 0#	1	SD40	0 KIPS	58 KIPS	0.13
	190.109				80# 0#	80# 0#	2	SD40	56 KIPS	112 KIPS	0.15
	190.097				80# 0#	80# 0#	3	GONDOLA	112 KIPS	109 KIPS	0.11
	189.953				80# 0#	80# 0#	22	GONDOLA	59 KIPS	58 KIPS	0.11
	189.809				80# 0#	80# 0#	41	GONDOLA	22 KIPS	-5 KIPS	0.10
	189.665				80# 0#	80# 0#	60	GONDOLA	-57 KIPS	-80 KIPS	0.13
	189.521				80# 0#	80# 0#	79	GONDOLA	-108 KIPS	-111 KIPS	0.22
	189.377				80# 0#	80# 0#	98	GONDOLA	-166 KIPS	-189 KIPS	0.31
	189.370				80# 0#	80# 0#	99	SD40	-189 KIPS	-113 KIPS	0.38
	189.358				80# 0#	80# 0#	100	SD40	-113 KIPS	-57 KIPS	0.31
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
0:26: 0	190.165	0	15	RUN 6	813 REL REL	80# 0#	1	SD40	0 KIPS	57 KIPS	0.13
	190.152				80# 0#	80# 0#	2	SD40	57 KIPS	115 KIPS	0.20
	190.140				80# 0#	80# 0#	3	GONDOLA	115 KIPS	112 KIPS	0.14
	189.998				80# 0#	80# 0#	22	GONDOLA	58 KIPS	55 KIPS	0.00
	189.852				80# 0#	80# 0#	41	GONDOLA	-22 KIPS	-23 KIPS	0.10
	189.708				80# 0#	80# 0#	60	GONDOLA	-80 KIPS	-83 KIPS	0.14
	189.564				80# 0#	80# 0#	79	GONDOLA	-112 KIPS	-115 KIPS	0.22
	189.420				80# 0#	80# 0#	98	GONDOLA	-189 KIPS	-172 KIPS	0.32
	189.413				80# 0#	80# 0#	99	SD40	-115 KIPS	-115 KIPS	0.39
	189.400				80# 0#	80# 0#	100	SD40	-115 KIPS	-58 KIPS	0.32
0:26:10	190.207	0	15	RUN 6	823 REL REL	80# 0#	1	SD40	0 KIPS	58 KIPS	0.00
	190.195				80# 0#	80# 0#	2	SD40	58 KIPS	117 KIPS	0.00
	190.182				80# 0#	80# 0#	3	GONDOLA	117 KIPS	114 KIPS	0.02
	190.038				80# 0#	80# 0#	22	GONDOLA	61 KIPS	58 KIPS	0.10
	189.894				80# 0#	80# 0#	41	GONDOLA	7 KIPS	8 KIPS	0.10
	189.751				80# 0#	80# 0#	60	GONDOLA	-56 KIPS	-59 KIPS	0.13
	189.607				80# 0#	80# 0#	79	GONDOLA	-113 KIPS	-118 KIPS	0.13
	189.463				80# 0#	80# 0#	98	GONDOLA	-170 KIPS	-173 KIPS	0.32
	189.455				80# 0#	80# 0#	99	SD40	-173 KIPS	-118 KIPS	0.39
	189.443				80# 0#	80# 0#	100	SD40	-118 KIPS	-59 KIPS	0.32
0:26:20	190.248	0	15	RUN 6	826 REL REL	80# 0#	1	SD40	0 KIPS	58 KIPS	0.00
	190.237				80# 0#	80# 0#	2	SD40	58 KIPS	117 KIPS	0.00
	190.224				80# 0#	80# 0#	3	GONDOLA	117 KIPS	114 KIPS	0.00
	190.080				80# 0#	80# 0#	22	GONDOLA	81 KIPS	58 KIPS	0.10
	189.938				80# 0#	80# 0#	41	GONDOLA	24 KIPS	-23 KIPS	0.10
	189.793				80# 0#	80# 0#	60	GONDOLA	-59 KIPS	-62 KIPS	0.13
	189.648				80# 0#	80# 0#	79	GONDOLA	-118 KIPS	-121 KIPS	0.22
	189.505				80# 0#	80# 0#	98	GONDOLA	-172 KIPS	-175 KIPS	0.32
	189.497				80# 0#	80# 0#	99	SD40	-175 KIPS	-117 KIPS	0.39
	189.485				80# 0#	80# 0#	100	SD40	-117 KIPS	-59 KIPS	0.32

STATION TIME	MP	SPEED LMT RUN	THITLE	AMPS	SETTING TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
										BRAKES	DRAMBAR FORCES		
										FORE	AFT		
0:26:30	190.291	0	15	RUN 6	832	REL REL	80# 0# -178:99 .39:99	1	SD40	0 KIPS	59 KIPS	0.00	
	190.278							2	SD40	59 KIPS	118 KIPS	0.00	
	190.268							3	GONDOLA	118 KIPS	115 KIPS	0.00	
	190.122							22	GONDOLA	68 KIPS	63 KIPS	0.10	
	189.978							41	GONDOLA	8 KIPS	8 KIPS	0.00	
	189.834							60	GONDOLA	-57 KIPS	-60 KIPS	0.13	
HELPERS	189.690							79	GONDOLA	-118 KIPS	-121 KIPS	0.22	
	189.548							98	GONDOLA	-172 KIPS	-176 KIPS	0.32	
	189.539		RUN 6	831	REL REL	80# 0# -176 KIPS		99	SD40	-176 KIPS	-118 KIPS	0.39	
	189.527							100	SD40	-118 KIPS	-60 KIPS	0.32	
	PS L. JEAN.												
	0:26:32	190.300	0	15	RUN 6	834	REL REL	80# 0# -177:99 .38:99	1	SD40	0 KIPS	59 KIPS	0.00
HELPERS	190.288							2	SD40	59 KIPS	118 KIPS	0.00	
	190.275							3	GONDOLA	118 KIPS	115 KIPS	0.00	
	190.131							22	GONDOLA	66 KIPS	63 KIPS	0.11	
	189.987							41	GONDOLA	8 KIPS	5 KIPS	0.00	
	189.844							60	GONDOLA	-54 KIPS	-57 KIPS	0.12	
	189.700							79	GONDOLA	-116 KIPS	-119 KIPS	0.22	
HELPERS	189.556							98	GONDOLA	-174 KIPS	-177 KIPS	0.32	
	189.548							99	GONDOLA	-177 KIPS	-118 KIPS	0.38	
	189.536		RUN 6	831	REL REL	80# 0# -118 KIPS		100	SD40	-118 KIPS	-80 KIPS	0.33	
	-----> TRAIN ENTERING 0.00 % GRADE												
	0:26:40	190.332	0	15	RUN 6	831	REL REL	80# 0# -178:99 .38:99	1	SD40	0 KIPS	63 KIPS	0.00
		190.320							2	SD40	63 KIPS	125 KIPS	0.00
HELPERS	190.308							3	GONDOLA	125 KIPS	123 KIPS	0.00	
	190.184							22	GONDOLA	68 KIPS	63 KIPS	0.10	
	190.020							41	GONDOLA	6 KIPS	24 KIPS	0.10	
	189.876							60	GONDOLA	-57 KIPS	-60 KIPS	0.13	
	189.732							79	GONDOLA	-118 KIPS	-121 KIPS	0.22	
	189.588							98	GONDOLA	-175 KIPS	-178 KIPS	0.32	
HELPERS	189.580							99	SD40	-178 KIPS	-119 KIPS	0.38	
	189.568			RUN 6	833	REL REL	80# 0# -119 KIPS	100	SD40	-119 KIPS	-80 KIPS	0.34	
	189.558							1	SD40	0 KIPS	62 KIPS	0.00	
	190.374	0	15	RUN 6	828	REL REL	80# 0# -179:99 .38:99	2	SD40	62 KIPS	125 KIPS	0.00	
	190.362							3	SD40	125 KIPS	125 KIPS	0.00	
	190.348							22	GONDOLA	85 KIPS	83 KIPS	0.00	
HELPERS	190.206							41	GONDOLA	26 KIPS	23 KIPS	0.10	
	190.062							60	GONDOLA	-57 KIPS	-60 KIPS	0.13	
	189.918							79	GONDOLA	-118 KIPS	-121 KIPS	0.22	
	189.774							98	GONDOLA	-176 KIPS	-178 KIPS	0.32	
	189.630							99	SD40	-179 KIPS	-120 KIPS	0.38	
	189.622			RUN 6	831	REL REL	80# 0# -120 KIPS	100	SD40	-120 KIPS	-81 KIPS	0.34	

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES	AFT	
0:27:0	190.416	0	15	RUN	8	820	REL	REL	80#	0#	0#	0#	0.00
	190.404								80#	0#	0#	0#	0.00
	190.392								80#	0#	0#	0#	0.00
	190.248								80#	0#	0#	0#	0.00
	190.104								80#	0#	0#	0#	0.10
HELPERS	189.960								80#	0#	0#	0#	0.21
	189.816								80#	0#	0#	0#	0.38
	189.672								80#	0#	0#	0#	0.49
	189.664								80#	0#	0#	0#	0.37
	189.652								80#	0#	0#	0#	0.00
0:27:10	190.459	0	16	RUN	8	804	REL	REL	80#	0#	0#	0#	0.00
	190.447								80#	0#	0#	0#	0.00
	190.434								80#	0#	0#	0#	0.00
	190.280								80#	0#	0#	0#	0.10
	190.146								80#	0#	0#	0#	0.04
HELPERS	190.002								80#	0#	0#	0#	0.21
	189.859								80#	0#	0#	0#	0.38
	189.715								80#	0#	0#	0#	0.48
	189.707								80#	0#	0#	0#	0.00
	189.695								80#	0#	0#	0#	0.00
0:27:20	190.903	0	16	RUN	8	790	REL	REL	80#	0#	0#	0#	0.00
	190.490								80#	0#	0#	0#	0.00
	190.478								80#	0#	0#	0#	0.00
	190.334								80#	0#	0#	0#	0.00
	190.190								80#	0#	0#	0#	0.10
HELPERS	190.046								80#	0#	0#	0#	0.20
	189.902								80#	0#	0#	0#	0.38
	189.758								80#	0#	0#	0#	0.48
	189.751								80#	0#	0#	0#	0.00
	189.738								80#	0#	0#	0#	0.00
0:27:30	190.547	0	16	RUN	8	768	REL	REL	80#	0#	0#	0#	0.00
	190.535								80#	0#	0#	0#	0.00
	190.523								80#	0#	0#	0#	0.00
	190.378								80#	0#	0#	0#	0.00
	190.235								80#	0#	0#	0#	0.10
HELPERS	190.091								80#	0#	0#	0#	0.20
	189.947								80#	0#	0#	0#	0.37
	189.803								80#	0#	0#	0#	0.47
	189.795								80#	0#	0#	0#	0.38
	189.783								80#	0#	0#	0#	0.00

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	BRAKES IND PIPE CYL	SETTING REL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES AFT	FORCES AFT	
0:27:40	190.593	0	17	RUN 8	748	REL	REL	80# 0# -157.99 .48:99	1	SD40	0 KIPS	56 KIPS	0.00
	190.581							80# 0#	2	SD40	56 KIPS	113 KIPS	0.00
	190.569							80# 0#	3	GONDOLA	113 KIPS	112 KIPS	0.00
	190.425							80# 0#	22	GONDOLA	98 KIPS	98 KIPS	0.00
	190.281							80# 0#	41	GONDOLA	70 KIPS	67 KIPS	0.00
	190.137							80# 0#	60	GONDOLA	-8 KIPS	-12 KIPS	0.10
	189.993							80# 0#	79	GONDOLA	-79 KIPS	-82 KIPS	0.09
HELPERS	189.849							80# 0#	98	GONDOLA	-153 KIPS	-157 KIPS	0.37
	189.842							80# 0#	99	SD40	-157 KIPS	-105 KIPS	0.46
	189.829							80# 0#	100	SD40	-105 KIPS	-54 KIPS	0.38
0:27:50	190.841	0	17	RUN 8	722	REL	REL	80# 0# -150.99 .44:99	1	SD40	0 KIPS	54 KIPS	0.00
	190.829							80# 0#	2	SD40	54 KIPS	108 KIPS	0.00
	190.618							80# 0#	3	GONDOLA	108 KIPS	107 KIPS	0.00
	190.473							80# 0#	22	GONDOLA	92 KIPS	91 KIPS	0.00
	190.328							80# 0#	41	GONDOLA	70 KIPS	69 KIPS	0.00
	190.185							80# 0#	60	GONDOLA	20 KIPS	10 KIPS	0.00
	190.041							80# 0#	78	GONDOLA	-74 KIPS	-78 KIPS	0.17
HELPERS	189.897							80# 0#	98	GONDOLA	-148 KIPS	-150 KIPS	0.35
	189.888							80# 0#	99	SD40	-150 KIPS	-101 KIPS	0.44
	189.877							80# 0#	100	SD40	-101 KIPS	-51 KIPS	0.35
0:27:52	190.850	0	18	RUN 8	717	REL	REL	80# 0# -143.99 .43:99	1	SD40	0 KIPS	52 KIPS	0.00
	190.838							80# 0#	2	SD40	52 KIPS	104 KIPS	0.00
	190.625							80# 0#	3	GONDOLA	104 KIPS	103 KIPS	0.00
	190.481							80# 0#	22	GONDOLA	88 KIPS	85 KIPS	0.00
	190.337							80# 0#	41	GONDOLA	68 KIPS	67 KIPS	0.00
	190.194							80# 0#	60	GONDOLA	10 KIPS	11 KIPS	0.00
	190.050							80# 0#	78	GONDOLA	-68 KIPS	-70 KIPS	0.16
HELPERS	189.906							80# 0#	98	GONDOLA	-139 KIPS	-143 KIPS	0.34
	189.898							80# 0#	99	SD40	-143 KIPS	-95 KIPS	0.43
	189.888							80# 0#	100	SD40	-95 KIPS	-48 KIPS	0.33
-----> RUN 3													
0:27:53	190.855	0	18	RUN 3	674	REL	REL	80# 0# -140.99 .42:99	1	SD40	0 KIPS	51 KIPS	0.00
	190.843							80# 0#	2	SD40	51 KIPS	102 KIPS	0.00
	190.630							80# 0#	3	GONDOLA	102 KIPS	101 KIPS	0.00
	190.486							80# 0#	22	GONDOLA	84 KIPS	83 KIPS	0.00
	190.342							80# 0#	41	GONDOLA	67 KIPS	68 KIPS	0.00
	190.198							80# 0#	60	GONDOLA	11 KIPS	7 KIPS	0.00
	190.054							80# 0#	78	GONDOLA	-82 KIPS	-67 KIPS	0.16
HELPERS	189.911							80# 0#	98	GONDOLA	-135 KIPS	-140 KIPS	0.33
	189.903							80# 0#	99	SD40	-140 KIPS	-93 KIPS	0.42
	189.891							80# 0#	100	SD40	-93 KIPS	-48 KIPS	0.32

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER	DRAWBAR FORCES		L/V RATIO				
					IND PIPE	CYL				FORE	AFT					
0:27:54	190.660	0	18	RUN 3	513	REL	REL	80# 0#	-100:99	33:99	1	SD40	0 KIPS	48 KIPS	0.00	
	190.647							80# 0#			2	SD40	48 KIPS	98 KIPS	0.00	
	190.635							80# 0#			3	GONDOLA	98 KIPS	97 KIPS	0.00	
	190.491							80# 0#			22	GONDOLA	81 KIPS	80 KIPS	0.00	
	190.347							80# 0#			41	GONDOLA	83 KIPS	82 KIPS	0.00	
	190.203							80# 0#			60	GONDOLA	12 KIPS	11 KIPS	0.00	
	190.059							80# 0#			78	GONDOLA	-44 KIPS	-47 KIPS	0.12	
	189.915							80# 0#			98	GONDOLA	-97 KIPS	-100 KIPS	0.27	
HELPERS	189.908							80# 0#			99	SD40	-100 KIPS	-87 KIPS	0.33	
	189.896							80# 0#			100	SD40	-87 KIPS	-34 KIPS	0.26	
	0:28:0	190.680	0	17	RUN 3	327	REL	REL	80# 0#	-96:99	26:99	1	SD40	0 KIPS	34 KIPS	0.00
	190.678							80# 0#			2	SD40	34 KIPS	71 KIPS	0.00	
0:28:10	190.665							80# 0#			3	GONDOLA	71 KIPS	71 KIPS	0.00	
	190.521							80# 0#			22	GONDOLA	63 KIPS	62 KIPS	0.00	
	190.377							80# 0#			41	GONDOLA	81 KIPS	81 KIPS	0.00	
	190.233							80# 0#			60	GONDOLA	48 KIPS	43 KIPS	0.00	
	190.090							80# 0#			79	GONDOLA	-41 KIPS	-44 KIPS	0.11	
	189.946							80# 0#			98	GONDOLA	-83 KIPS	-96 KIPS	0.22	
	189.938							80# 0#			99	SD40	-96 KIPS	-84 KIPS	0.26	
	189.926							80# 0#			100	SD40	-84 KIPS	-31 KIPS	0.20	
0:28:20	190.738	0	17	RUN 3	336	REL	REL	80# 0#	76:53	16:100	1	SD40	0 KIPS	23 KIPS	0.00	
	190.725							80# 0#			2	SD40	23 KIPS	45 KIPS	0.00	
	190.713							80# 0#			3	GONDOLA	45 KIPS	48 KIPS	0.00	
	190.589							80# 0#			22	GONDOLA	57 KIPS	57 KIPS	0.00	
	190.425							80# 0#			41	GONDOLA	68 KIPS	69 KIPS	0.00	
	190.281							80# 0#			60	GONDOLA	61 KIPS	59 KIPS	0.00	
	190.137							80# 0#			78	GONDOLA	67 KIPS	65 KIPS	0.10	
	189.993							80# 0#			98	GONDOLA	-53 KIPS	-55 KIPS	0.11	
HELPERS	189.986							80# 0#			99	SD40	-55 KIPS	-37 KIPS	0.15	
	189.973							80# 0#			100	SD40	-37 KIPS	-19 KIPS	0.18	
	0:28:20	190.784	0	17	RUN 3	339	REL	REL	80# 0#	-56:99	22:99	1	SD40	0 KIPS	22 KIPS	0.00
	190.772							80# 0#			2	SD40	22 KIPS	45 KIPS	0.00	
0:28:30	190.760							80# 0#			3	GONDOLA	45 KIPS	45 KIPS	0.00	
	190.616							80# 0#			22	GONDOLA	48 KIPS	48 KIPS	0.00	
	190.472							80# 0#			41	GONDOLA	52 KIPS	52 KIPS	0.00	
	190.328							80# 0#			60	GONDOLA	48 KIPS	48 KIPS	0.00	
	190.184							80# 0#			78	GONDOLA	-36 KIPS	36 KIPS	0.01	
	190.040							80# 0#			98	GONDOLA	-55 KIPS	-56 KIPS	0.16	
	190.032							80# 0#			99	SD40	-58 KIPS	-39 KIPS	0.22	
	190.020							80# 0#			100	SD40	-39 KIPS	-21 KIPS	0.18	

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TIME	STATION	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
												DRAWBAR FORCES FORE	DRAWBAR FORCES AFT		
0:28:23		190.800	0	17	RUN 3	340	REL	80#	0#	-55:99	21:99	SD40	0 KIPS	23 KIPS	0.00
		190.788						80#	0#			SD40	23 KIPS	45 KIPS	0.00
		190.775						80#	0#			GONDOLA	45 KIPS	45 KIPS	0.00
		190.631						80#	0#			GONDOLA	47 KIPS	47 KIPS	0.00
		190.487						80#	0#			GONDOLA	49 KIPS	49 KIPS	0.00
		190.344						80#	0#			GONDOLA	51 KIPS	51 KIPS	0.00
		190.200						80#	0#			GONDOLA	28 KIPS	31 KIPS	0.00
		190.058						80#	0#			GONDOLA	-52 KIPS	-55 KIPS	0.15
HELPERS		190.048			RUN 3	343	REL	80#	0#	-55		SD40	-37 KIPS	-37 KIPS	0.21
		190.036						80#	0#			SD40	-18 KIPS	-18 KIPS	0.17
-----> 12 POUND REDUCTION															
0:28:24															
0:28:25															
0:28:26															
HELPERS															

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN IND PIPE	BRAKES SETTING REL	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRUMBAR FORCES FORE	AFT	
0:28:27	190.818	0	18	109	12#	REL	74# 11#	1	SD40	0 KIPS	2 KIPS	0.00
	190.808						75# 9#	2	SD40	2 KIPS	7 KIPS	0.00
	190.794						78# 4#	3	GONDOLA	7 KIPS	7 KIPS	0.00
	190.850						79# 1#	22	GONDOLA	18 KIPS	18 KIPS	0.00
	190.508						80# 1#	41	GONDOLA	28 KIPS	28 KIPS	0.00
HELPERS	190.382						80# 1#	60	GONDOLA	40 KIPS	40 KIPS	0.00
	190.218						79# 2#	79	GONDOLA	21 KIPS	19 KIPS	0.00
	190.074						77# 5#	98	GONDOLA	-5 KIPS	-8 KIPS	0.10
	190.066						74# 11#	99	SD40	-8 KIPS	-4 KIPS	0.13
	190.054						74# 11#	100	SD40	-4 KIPS	-2 KIPS	0.13
0:28:28	190.823	0	18	109	12#	REL	72# 14#	1	SD40	0 KIPS	0 KIPS	0.00
	190.811						73# 12#	2	SD40	0 KIPS	2 KIPS	0.00
	190.798						77# 6#	3	GONDOLA	2 KIPS	2 KIPS	0.00
	190.654						78# 4#	22	GONDOLA	15 KIPS	16 KIPS	0.00
	190.510						78# 3#	41	GONDOLA	30 KIPS	30 KIPS	0.00
HELPERS	190.388						78# 3#	60	GONDOLA	44 KIPS	45 KIPS	0.00
	190.222						78# 4#	78	GONDOLA	28 KIPS	27 KIPS	0.00
	190.078						78# 7#	98	GONDOLA	0 KIPS	0 KIPS	0.08
	190.071						72# 14#	99	SD40	-1 KIPS	-1 KIPS	0.13
	190.059						73# 13#	100	SD40	-1 KIPS	-1 KIPS	0.13
0:28:29	190.827	0	18	110	12#	REL	71# 17#	1	SD40	0 KIPS	0 KIPS	0.00
	190.815						72# 15#	2	SD40	0 KIPS	0 KIPS	0.00
	190.803						78# 7#	3	GONDOLA	0 KIPS	1 KIPS	0.00
	190.659						77# 5#	22	GONDOLA	16 KIPS	17 KIPS	0.00
	190.515						77# 5#	41	GONDOLA	32 KIPS	33 KIPS	0.00
HELPERS	190.371						77# 5#	60	GONDOLA	48 KIPS	48 KIPS	0.00
	190.227						77# 5#	79	GONDOLA	37 KIPS	38 KIPS	0.00
	190.083						75# 9#	98	GONDOLA	167 KIPS	185 KIPS	0.10
	190.075						71# 17#	99	SD40	185 KIPS	0 KIPS	0.13
	190.063						71# 18#	100	SD40	0 KIPS	-4 KIPS	0.13
0:28:30	190.830	0	18	110	12#	REL	71# 18#	1	SD40	0 KIPS	0 KIPS	0.00
	190.818						71# 18#	2	SD40	0 KIPS	0 KIPS	0.00
	190.805						75# 8#	3	GONDOLA	0 KIPS	1 KIPS	0.00
	190.661						78# 6#	22	GONDOLA	19 KIPS	20 KIPS	0.00
	190.517						77# 6#	41	GONDOLA	41 KIPS	42 KIPS	0.00
HELPERS	190.374						77# 6#	60	GONDOLA	63 KIPS	64 KIPS	0.00
	190.230						78# 6#	79	GONDOLA	59 KIPS	58 KIPS	0.00
	190.086						75# 10#	98	GONDOLA	147 KIPS	165 KIPS	0.10
	190.078						71# 18#	99	SD40	165 KIPS	198 KIPS	0.13
	190.066						71# 18#	100	SD40	198 KIPS	216 KIPS	0.13

TIME	STATION MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:28:31	180.834	0	16	RUN	1	111	12#	REL	70# 21#	SD40	0 KIPS	-18 KIPS	0.00
	180.822								71# 19#	SD40	-16 KIPS	-18 KIPS	0.00
	180.810								75# 10#	GONDOLA	-18 KIPS	1 KIPS	0.00
	180.868								78# 8#	GONDOLA	18 KIPS	20 KIPS	0.00
	180.522								78# 7#	GONDOLA	41 KIPS	42 KIPS	0.00
	180.378								78# 7#	GONDOLA	65 KIPS	66 KIPS	0.00
	180.234								78# 8#	GONDOLA	82 KIPS	81 KIPS	0.00
	180.090								78# 11#	GONDOLA	26 KIPS	24 KIPS	0.10
	180.083								70# 21#	SD40	24 KIPS	18 KIPS	0.13
	180.070								70# 20#	SD40	18 KIPS	8 KIPS	0.13
0:28:32	180.839	0	16	RUN	1	111	12#	REL	76# 70	SD40	0 KIPS	-11 KIPS	0.00
	180.828								69# 23#	SD40	-22 KIPS	-22 KIPS	0.00
	180.814								74# 11#	SD40	-11 KIPS	-29 KIPS	0.00
	180.670								75# 9#	GONDOLA	18 KIPS	20 KIPS	0.00
	180.526								75# 9#	GONDOLA	41 KIPS	42 KIPS	0.00
	180.382								75# 9#	GONDOLA	65 KIPS	66 KIPS	0.00
	180.238								75# 9#	GONDOLA	83 KIPS	81 KIPS	0.00
	180.084								73# 13#	GONDOLA	28 KIPS	26 KIPS	0.10
	180.087								69# 23#	SD40	28 KIPS	18 KIPS	0.13
	180.075								69# 22#	SD40	18 KIPS	8 KIPS	0.13
0:28:33	180.843	0	16	RUN	1	112	12#	REL	77# 71	SD40	0 KIPS	-10 KIPS	0.01
	180.831								69# 24#	SD40	-21 KIPS	-27 KIPS	0.01
	180.818								73# 13#	GONDOLA	18 KIPS	20 KIPS	0.00
	180.875								74# 11#	GONDOLA	41 KIPS	42 KIPS	0.00
	180.531								74# 10#	GONDOLA	65 KIPS	65 KIPS	0.00
	180.387								74# 11#	GONDOLA	85 KIPS	84 KIPS	0.00
	180.243								72# 14#	GONDOLA	30 KIPS	30 KIPS	0.10
	180.088								72# 14#	GONDOLA	32 KIPS	20 KIPS	0.13
	180.091								68# 25#	SD40	30 KIPS	10 KIPS	0.13
	180.079								68# 24#	SD40	20 KIPS	-8 KIPS	0.01
0:28:34	180.847	0	15	RUN	1	112	12#	REL	77# 71	SD40	0 KIPS	-17 KIPS	0.02
	180.835								68# 27#	SD40	-8 KIPS	-22 KIPS	0.02
	180.823								72# 14#	GONDOLA	17 KIPS	18 KIPS	0.00
	180.678								73# 12#	GONDOLA	40 KIPS	41 KIPS	0.00
	180.535								74# 12#	GONDOLA	64 KIPS	65 KIPS	0.00
	180.381								73# 12#	GONDOLA	68 KIPS	65 KIPS	0.00
	180.247								73# 12#	GONDOLA	35 KIPS	32 KIPS	0.10
	180.103								72# 16#	GONDOLA	32 KIPS	21 KIPS	0.13
	180.096								68# 27#	SD40	21 KIPS	11 KIPS	0.13
	180.083								68# 27#	SD40	21 KIPS	11 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN	BRAKES SETTING IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRABAR FORCES FORE	DRABAR FORCES AFT	
0:28:35	190.852	0	15	RUN	1	113	12# REL	1	SD40	0 KIPS	-8 KIPS	0.01
	190.839							2	SD40	-8 KIPS	-15 KIPS	0.02
	190.827							3	GONDOLA	-15 KIPS	-20 KIPS	0.02
	190.883							22	GONDOLA	18 KIPS	17 KIPS	0.00
	190.539							41	GONDOLA	39 KIPS	41 KIPS	0.00
HELPERS	190.395							60	GONDOLA	63 KIPS	64 KIPS	0.00
	190.251							79	GONDOLA	67 KIPS	68 KIPS	0.00
	190.107							88	GONDOLA	33 KIPS	33 KIPS	0.14
	190.100							99	SD40	22 KIPS	12 KIPS	0.13
	190.087							100	SD40	0 KIPS	-8 KIPS	0.01
0:28:36	190.856	0	15	RUN	1	114	12# REL	1	SD40	-8 KIPS	-12 KIPS	0.02
	190.844							2	SD40	-12 KIPS	-18 KIPS	0.02
	190.831							3	GONDOLA	13 KIPS	15 KIPS	0.00
	190.687							22	GONDOLA	37 KIPS	38 KIPS	0.00
	190.543							41	GONDOLA	60 KIPS	61 KIPS	0.00
HELPERS	190.399							60	GONDOLA	66 KIPS	64 KIPS	0.00
	190.255							79	GONDOLA	34 KIPS	32 KIPS	0.10
	190.112							88	SD40	32 KIPS	21 KIPS	0.14
	190.104							99	SD40	21 KIPS	11 KIPS	0.13
	190.082							100	SD40	0 KIPS	-8 KIPS	0.01
0:28:37	190.860	0	15	RUN	1	115	12# REL	1	SD40	-8 KIPS	-11 KIPS	0.03
	190.848							2	SD40	-11 KIPS	-10 KIPS	0.02
	190.835							3	GONDOLA	12 KIPS	13 KIPS	0.00
	190.681							22	GONDOLA	35 KIPS	36 KIPS	0.00
	190.547							41	GONDOLA	59 KIPS	60 KIPS	0.00
HELPERS	190.403							60	GONDOLA	65 KIPS	64 KIPS	0.00
	190.260							79	GONDOLA	34 KIPS	32 KIPS	0.10
	190.118							88	SD40	21 KIPS	11 KIPS	0.13
	190.108							99	SD40	0 KIPS	-8 KIPS	0.01
	190.096							100	SD40	-8 KIPS	-11 KIPS	0.02
0:28:38	190.864	0	14	RUN	1	115	12# REL	1	SD40	-11 KIPS	-10 KIPS	0.02
	190.852							2	SD40	10 KIPS	11 KIPS	0.00
	190.838							3	GONDOLA	33 KIPS	34 KIPS	0.00
	190.695							41	GONDOLA	57 KIPS	58 KIPS	0.00
	190.551							60	GONDOLA	64 KIPS	63 KIPS	0.00
HELPERS	190.408							79	GONDOLA	33 KIPS	31 KIPS	0.10
	190.264							88	SD40	21 KIPS	11 KIPS	0.13
	190.120							99	SD40	0 KIPS	-8 KIPS	0.01
	190.112							100	SD40	-8 KIPS	-11 KIPS	0.02
	190.100							3	GONDOLA	10 KIPS	11 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS	SETTING TRN IND PIPE	BRAKES CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0:28:39	190.868	0	14	RUN	1	116	12# REL	88# 28#	SD40	0 KIPS	-6 KIPS	0.01
	190.856							88# 28#	SD40	-6 KIPS	-11 KIPS	0.02
	190.843							70# 20#	GONDOLA	-11 KIPS	-10 KIPS	0.02
	190.699							71# 18#	GONDOLA	8 KIPS	9 KIPS	0.00
	190.555							71# 18#	GONDOLA	31 KIPS	32 KIPS	0.00
	190.411							71# 18#	GONDOLA	55 KIPS	56 KIPS	0.00
	190.268							71# 18#	GONDOLA	64 KIPS	62 KIPS	0.00
	190.124							69# 22#	GONDOLA	33 KIPS	30 KIPS	0.10
	190.116							68# 28#	SD40	30 KIPS	20 KIPS	0.14
	190.104							68# 28#	SD40	20 KIPS	10 KIPS	0.13
HELPERS	190.872	0	14	RUN	1	117	12# REL	88# 28#	SD40	0 KIPS	-5 KIPS	0.01
	190.859							88# 28#	SD40	-5 KIPS	-11 KIPS	0.02
	190.847							70# 21#	GONDOLA	-11 KIPS	-10 KIPS	0.02
	190.703							70# 20#	GONDOLA	6 KIPS	7 KIPS	0.00
	190.559							70# 19#	GONDOLA	29 KIPS	30 KIPS	0.00
	190.415							70# 19#	GONDOLA	52 KIPS	53 KIPS	0.00
	190.271							70# 20#	GONDOLA	63 KIPS	61 KIPS	0.00
	190.127							69# 24#	GONDOLA	32 KIPS	29 KIPS	0.10
	190.120							68# 28#	SD40	20 KIPS	20 KIPS	0.14
	190.108							68# 28#	SD40	0 KIPS	10 KIPS	0.13
0:28:41	190.878	0	14	RUN	1	118	12# REL	88# 28#	SD40	-5 KIPS	-8 KIPS	0.01
	190.863							88# 28#	SD40	-11 KIPS	-11 KIPS	0.02
	190.851							69# 23#	GONDOLA	-11 KIPS	-10 KIPS	0.02
	190.707							70# 21#	GONDOLA	6 KIPS	7 KIPS	0.00
	190.563							70# 20#	GONDOLA	28 KIPS	29 KIPS	0.00
	190.418							70# 20#	GONDOLA	51 KIPS	52 KIPS	0.00
	190.275							70# 21#	GONDOLA	63 KIPS	61 KIPS	0.00
	190.131							68# 25#	GONDOLA	32 KIPS	29 KIPS	0.10
	190.124							68# 28#	SD40	20 KIPS	20 KIPS	0.14
	190.111							68# 28#	SD40	20 KIPS	10 KIPS	0.13
HELPERS	190.879	0	13	RUN	1	119	12# REL	88# 28#	SD40	0 KIPS	-5 KIPS	0.01
	190.867							88# 28#	SD40	-5 KIPS	-11 KIPS	0.02
	190.855							69# 24#	GONDOLA	-11 KIPS	-10 KIPS	0.02
	190.711							70# 22#	GONDOLA	5 KIPS	6 KIPS	0.00
	190.567							70# 21#	GONDOLA	27 KIPS	28 KIPS	0.00
	190.423							70# 21#	GONDOLA	50 KIPS	51 KIPS	0.00
	190.279							69# 22#	GONDOLA	62 KIPS	61 KIPS	0.00
	190.135							68# 26#	GONDOLA	31 KIPS	28 KIPS	0.10
	190.127							68# 28#	SD40	29 KIPS	18 KIPS	0.14
	190.115							68# 28#	SD40	19 KIPS	10 KIPS	0.13

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	BRAKES PIPE CYL	PRESSURE KIPS:CAR	MAXIMUMS (AND LOCATION) KIPS:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO			
											DRAWBAR FORCES FORE	DRAWBAR FORCES AFT				
0:28:43	190.883	0	13	RUN	1	120	12#	REL	68# 28#	66:76	14:99	1	SD40	0 KIPS	-5 KIPS	0.01
	190.871					68# 28#			68# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.858					68# 25#			69# 23#			3	GONDOLA	-10 KIPS	-10 KIPS	0.02
	190.714					69# 23#			69# 23#			22	GONDOLA	4 KIPS	6 KIPS	0.00
	190.570					69# 23#			69# 23#			41	GONDOLA	28 KIPS	27 KIPS	0.00
	190.426					69# 23#			69# 23#			60	GONDOLA	48 KIPS	50 KIPS	0.00
	190.283					69# 23#			69# 23#			79	GONDOLA	62 KIPS	60 KIPS	0.00
	190.283					69# 23#			69# 23#			98	GONDOLA	30 KIPS	28 KIPS	0.10
HELPERS	190.139					68# 27#			68# 28#			98	GONDOLA	28 KIPS	19 KIPS	0.14
	190.131					68# 28#			68# 28#			100	SD40	18 KIPS	9 KIPS	0.13
	190.119					68# 28#			68# 28#	64:77	14:99	1	SD40	0 KIPS	-5 KIPS	0.01
	0:28:44	190.885	0	13	RUN	1	121	12#	REL	68# 28#			2	SD40	-5 KIPS	-10 KIPS
0:28:45	190.874					68# 28#			68# 26#			3	GONDOLA	-10 KIPS	-9 KIPS	0.02
	190.862					68# 26#			69# 24#			22	GONDOLA	4 KIPS	5 KIPS	0.00
	190.718					69# 24#			69# 24#			41	GONDOLA	28 KIPS	26 KIPS	0.00
	190.574					69# 24#			69# 24#			60	GONDOLA	48 KIPS	47 KIPS	0.00
	190.430					69# 24#			69# 24#			79	GONDOLA	61 KIPS	60 KIPS	0.00
	190.286					69# 24#			68# 28#			98	GONDOLA	29 KIPS	27 KIPS	0.00
	190.142					68# 28#			68# 28#			98	SD40	27 KIPS	18 KIPS	0.14
	190.135					68# 28#			68# 28#			100	SD40	18 KIPS	9 KIPS	0.14
0:28:46	190.122					68# 28#			68# 28#	64:77	14:100	1	SD40	0 KIPS	-5 KIPS	0.01
	190.890	0	12	RUN	1	122	12#	REL	68# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.878					68# 28#			68# 27#			3	GONDOLA	-10 KIPS	-9 KIPS	0.02
	190.865					68# 25#			68# 25#			22	GONDOLA	3 KIPS	4 KIPS	0.00
	190.721					69# 25#			69# 25#			41	GONDOLA	24 KIPS	25 KIPS	0.00
	190.433					68# 25#			68# 25#			60	GONDOLA	48 KIPS	47 KIPS	0.00
	190.289					68# 25#			68# 25#			79	GONDOLA	61 KIPS	59 KIPS	0.00
	190.289					68# 25#			68# 28#			98	GONDOLA	29 KIPS	27 KIPS	0.01
HELPERS	190.146					68# 28#			68# 28#			98	SD40	27 KIPS	18 KIPS	0.13
	190.138					68# 28#			68# 28#			100	SD40	18 KIPS	9 KIPS	0.14
	190.126					68# 28#			68# 28#	63:77	14:100	1	SD40	0 KIPS	-5 KIPS	0.01
	0:28:46	190.893	0	12	RUN	1	123	12#	REL	68# 28#			2	SD40	-5 KIPS	-9 KIPS
0:28:47	190.881					68# 28#			68# 28#			3	GONDOLA	-8 KIPS	-9 KIPS	0.02
	190.869					68# 28#			68# 28#			22	GONDOLA	3 KIPS	4 KIPS	0.00
	190.725					68# 26#			68# 26#			41	GONDOLA	24 KIPS	25 KIPS	0.00
	190.581					68# 26#			68# 26#			60	GONDOLA	45 KIPS	46 KIPS	0.00
	190.437					68# 26#			68# 26#			79	GONDOLA	60 KIPS	59 KIPS	0.00
	190.293					68# 26#			68# 26#			98	GONDOLA	28 KIPS	26 KIPS	0.00
	190.149					68# 28#			68# 28#			98	GONDOLA	28 KIPS	17 KIPS	0.13
	190.141					68# 28#			68# 28#			100	SD40	17 KIPS	9 KIPS	0.14

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0:28:47	190.886	0	12	1	125	12# REL	61:78 .14:100	1	SD40	0 KIPS	0.01
	190.884					68# 28#		2	SD40	-4 KIPS	0.02
	190.872					68# 28#		3	GONDOLA	-9 KIPS	0.02
	190.728					68# 27#		22	GONDOLA	10 KIPS	0.00
	190.584					68# 27#		41	GONDOLA	23 KIPS	0.00
	190.440					68# 27#		60	GONDOLA	43 KIPS	0.00
	190.298					68# 28#		79	GONDOLA	60 KIPS	0.00
	190.152					68# 28#		98	GONDOLA	27 KIPS	0.00
HELPERS	190.145					68# 28#		99	SD40	25 KIPS	0.00
	190.132					68# 28#		100	SD40	17 KIPS	0.00
0:28:48	190.900	0	11	1	126	12# REL	60:78 .14:100	1	SD40	0 KIPS	0.14
	190.887					68# 28#		2	SD40	-4 KIPS	0.01
	190.878					68# 28#		3	GONDOLA	-8 KIPS	0.02
	190.731					68# 28#		22	GONDOLA	12 KIPS	0.00
	190.587					68# 28#		41	GONDOLA	23 KIPS	0.00
	190.443					68# 28#		60	GONDOLA	42 KIPS	0.00
	190.299					68# 28#		78	GONDOLA	59 KIPS	0.00
HELPERS	190.155					68# 28#		98	GONDOLA	27 KIPS	0.00
	190.148					68# 28#		99	SD40	25 KIPS	0.00
0:28:49	190.135	0	11	1	127	12# REL	80:79 .14:100	1	SD40	17 KIPS	0.00
	190.903					68# 28#		2	SD40	0 KIPS	0.14
	190.890					68# 28#		3	SD40	-4 KIPS	0.01
	190.734					68# 28#		22	GONDOLA	-8 KIPS	0.02
	190.590					68# 28#		41	GONDOLA	10 KIPS	0.00
	190.446					68# 28#		60	GONDOLA	24 KIPS	0.00
	190.302					68# 28#		79	GONDOLA	42 KIPS	0.00
	190.158					68# 28#		98	GONDOLA	80 KIPS	0.00
HELPERS	190.151					68# 28#		99	SD40	24 KIPS	0.00
	190.139					68# 28#		100	SD40	17 KIPS	0.00
0:28:50	190.906	0	11	1	130	12# REL	59:79 .14:101	1	SD40	0 KIPS	0.14
	190.893					68# 28#		2	SD40	-4 KIPS	0.01
	190.881					68# 28#		3	GONDOLA	-8 KIPS	0.02
	190.737					68# 28#		22	GONDOLA	9 KIPS	0.00
	190.593					68# 28#		41	GONDOLA	25 KIPS	0.00
	190.449					68# 28#		60	GONDOLA	42 KIPS	0.00
	190.305					68# 28#		79	GONDOLA	59 KIPS	0.00
	190.161					68# 28#		98	GONDOLA	28 KIPS	0.00
HELPERS	190.154					68# 28#		99	SD40	24 KIPS	0.00
	190.142					68# 28#		100	SD40	16 KIPS	0.13

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES			L/V RATIO
											DRABBAR FORCES	FORE	AFT	
0:28:51	190.909	0	10	1	131	12#	REL	58:80 14:101	1	SD40	0 KIPS	-3 KIPS	-3 KIPS	0.01
	190.898								2	SD40	-3 KIPS	-7 KIPS	-7 KIPS	0.02
	190.884								3	GONDOLA	-7 KIPS	-8 KIPS	-8 KIPS	0.01
	190.740								22	GONDOLA	9 KIPS	25 KIPS	25 KIPS	0.00
	190.596								41	GONDOLA	41 KIPS	42 KIPS	42 KIPS	0.00
	190.452								80	GONDOLA	58 KIPS	58 KIPS	58 KIPS	0.00
	190.308								79	GONDOLA	25 KIPS	23 KIPS	23 KIPS	0.00
	190.184								98	SD40	16 KIPS	16 KIPS	16 KIPS	0.00
	190.167								100	SD40	9 KIPS	9 KIPS	9 KIPS	0.00
HELPERS	190.144								1	SD40	0 KIPS	-3 KIPS	-3 KIPS	0.01
	190.111								2	SD40	-7 KIPS	-7 KIPS	-7 KIPS	0.01
0:28:52	190.899	0	10	1	134	12#	REL	58:80 14:101	1	SD40	10 KIPS	11 KIPS	11 KIPS	0.00
	190.887								3	GONDOLA	26 KIPS	27 KIPS	27 KIPS	0.00
	190.743								22	GONDOLA	42 KIPS	43 KIPS	43 KIPS	0.00
	190.599								41	GONDOLA	58 KIPS	58 KIPS	58 KIPS	0.00
	190.455								80	GONDOLA	23 KIPS	23 KIPS	23 KIPS	0.00
	190.311								79	GONDOLA	16 KIPS	16 KIPS	16 KIPS	0.00
	190.187								98	SD40	8 KIPS	8 KIPS	8 KIPS	0.00
HELPERS	190.160								100	SD40	0 KIPS	-3 KIPS	-3 KIPS	0.00
	190.147								1	SD40	-3 KIPS	-6 KIPS	-6 KIPS	0.01
0:28:53	190.914	0	10	1	136	12#	REL	58:80 14:101	1	SD40	10 KIPS	11 KIPS	11 KIPS	0.00
	190.902								3	GONDOLA	26 KIPS	27 KIPS	27 KIPS	0.00
	190.889								22	GONDOLA	41 KIPS	42 KIPS	42 KIPS	0.00
	190.748								41	GONDOLA	57 KIPS	58 KIPS	58 KIPS	0.00
	190.602								80	GONDOLA	23 KIPS	23 KIPS	23 KIPS	0.00
	190.458								79	GONDOLA	15 KIPS	15 KIPS	15 KIPS	0.00
	190.314								98	SD40	8 KIPS	8 KIPS	8 KIPS	0.00
	190.170								100	SD40	0 KIPS	-3 KIPS	-3 KIPS	0.00
HELPERS	190.162								1	SD40	-3 KIPS	-6 KIPS	-6 KIPS	0.01
	190.150								2	SD40	10 KIPS	11 KIPS	11 KIPS	0.00
0:28:54	190.917	0	9	1	138	12#	REL	57:81 14:101	1	SD40	11 KIPS	12 KIPS	12 KIPS	0.00
	190.904								3	GONDOLA	26 KIPS	26 KIPS	26 KIPS	0.00
	190.892								22	GONDOLA	41 KIPS	41 KIPS	41 KIPS	0.00
	190.748								41	GONDOLA	58 KIPS	58 KIPS	58 KIPS	0.00
	190.604								80	GONDOLA	22 KIPS	22 KIPS	22 KIPS	0.00
	190.460								79	GONDOLA	15 KIPS	15 KIPS	15 KIPS	0.00
	190.318								98	SD40	8 KIPS	8 KIPS	8 KIPS	0.00
HELPERS	190.172								100	SD40	0 KIPS	-3 KIPS	-3 KIPS	0.00
	190.165								1	SD40	-3 KIPS	-6 KIPS	-6 KIPS	0.01
	190.152								2	SD40	11 KIPS	12 KIPS	12 KIPS	0.00
									3	GONDOLA	26 KIPS	26 KIPS	26 KIPS	0.00
									41	GONDOLA	41 KIPS	41 KIPS	41 KIPS	0.00
									80	GONDOLA	58 KIPS	58 KIPS	58 KIPS	0.00
									79	GONDOLA	22 KIPS	22 KIPS	22 KIPS	0.00
									98	SD40	15 KIPS	15 KIPS	15 KIPS	0.00
									100	SD40	8 KIPS	8 KIPS	8 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	AFT	
0:28:55	190.919	0	9	RUN 1	140	12#	REL	58:81 .01:2	1	SD40	0 KIPS	-2 KIPS	0.00
	190.907								2	SD40	-2 KIPS	-4 KIPS	0.01
	190.895								3	GONDOLA	-4 KIPS	-3 KIPS	0.00
	190.751								22	GONDOLA	12 KIPS	13 KIPS	0.00
	190.607								41	GONDOLA	27 KIPS	27 KIPS	0.00
	190.463								60	GONDOLA	41 KIPS	41 KIPS	0.00
	190.319								79	GONDOLA	55 KIPS	56 KIPS	0.00
	190.175								98	GONDOLA	21 KIPS	21 KIPS	0.00
	190.187								99	SD40	14 KIPS	14 KIPS	0.00
HELPERS	190.155			RUN 1	142	12#	REL		100	SD40	14 KIPS	7 KIPS	0.00
	190.922								1	SD40	0 KIPS	-2 KIPS	0.00
0:28:56	190.909	0	8	RUN 1	143	12#	REL	58:81 .00:	2	SD40	-2 KIPS	-4 KIPS	0.00
	190.897								3	GONDOLA	-4 KIPS	-3 KIPS	0.00
	190.753								22	GONDOLA	12 KIPS	13 KIPS	0.00
	190.609								41	GONDOLA	27 KIPS	27 KIPS	0.00
	190.465								60	GONDOLA	40 KIPS	41 KIPS	0.00
	190.321								78	GONDOLA	54 KIPS	55 KIPS	0.00
	190.177								98	GONDOLA	23 KIPS	21 KIPS	0.00
	190.170								99	SD40	21 KIPS	14 KIPS	0.00
HELPERS	190.157			RUN 1	145	12#	REL		100	SD40	14 KIPS	7 KIPS	0.00
	190.924								1	SD40	0 KIPS	-1 KIPS	0.00
0:28:57	190.812	0	8	RUN 1	147	12#	REL	54:81 .00:	2	SD40	-1 KIPS	-3 KIPS	0.00
	190.899								3	GONDOLA	-3 KIPS	-1 KIPS	0.00
	190.756								22	GONDOLA	12 KIPS	13 KIPS	0.00
	190.611								41	GONDOLA	26 KIPS	28 KIPS	0.00
	190.467								60	GONDOLA	39 KIPS	40 KIPS	0.00
	190.323								78	GONDOLA	53 KIPS	53 KIPS	0.00
	190.180								98	GONDOLA	22 KIPS	20 KIPS	0.00
	190.172								99	SD40	20 KIPS	14 KIPS	0.00
HELPERS	190.160			RUN 1	148	12#	REL		100	SD40	14 KIPS	7 KIPS	0.00
	190.926								1	SD40	0 KIPS	-1 KIPS	0.00
0:28:58	190.814	0	8	RUN 1	152	12#	REL	53:82 .00:	2	SD40	-1 KIPS	-3 KIPS	0.00
	190.901								3	GONDOLA	-3 KIPS	-1 KIPS	0.00
	190.757								22	GONDOLA	12 KIPS	12 KIPS	0.00
	190.614								41	GONDOLA	25 KIPS	26 KIPS	0.00
	190.470								60	GONDOLA	38 KIPS	39 KIPS	0.00
	190.328								79	GONDOLA	51 KIPS	52 KIPS	0.00
	190.182								98	GONDOLA	21 KIPS	19 KIPS	0.00
	190.174								99	SD40	19 KIPS	13 KIPS	0.00
HELPERS	190.162			RUN 1	153	12#	REL		100	SD40	13 KIPS	6 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES			L/V RATIO
									IDENTIFIER	FORWARD FORCES	AFT FORCES	
0:28:59	190.928	0	7	RUN 1	157	12# REL	52:82 .00:	1	SD40	0 KIPS	-1 KIPS	0.00
	190.918				68# 28#			2	SD40	-1 KIPS	-2 KIPS	0.00
	190.904				68# 28#			3	GONDOLA	-2 KIPS	-1 KIPS	0.00
	190.780				68# 28#			22	GONDOLA	12 KIPS	12 KIPS	0.00
	190.816				68# 28#			41	GONDOLA	24 KIPS	25 KIPS	0.00
	190.472				68# 28#			60	GONDOLA	37 KIPS	38 KIPS	0.00
	190.328				68# 28#			79	GONDOLA	50 KIPS	51 KIPS	0.00
	190.184				68# 28#			98	GONDOLA	20 KIPS	18 KIPS	0.00
	190.178				68# 28#			99	SD40	18 KIPS	12 KIPS	0.00
	190.164				68# 28#			100	SD40	12 KIPS	6 KIPS	0.00
HELPERS	190.154			RUN 1	157	12# REL			SD40	0 KIPS	-1 KIPS	0.00
	190.930				68# 28#			1	SD40	-2 KIPS	-2 KIPS	0.00
0:29: 0	190.918	0	7	RUN 1	183	12# REL	51:82 .00:	2	SD40	-1 KIPS	-1 KIPS	0.00
	190.908				68# 28#			3	GONDOLA	11 KIPS	12 KIPS	0.00
	190.782				68# 28#			22	GONDOLA	24 KIPS	24 KIPS	0.00
	190.816				68# 28#			41	GONDOLA	37 KIPS	37 KIPS	0.00
	190.474				68# 28#			60	GONDOLA	48 KIPS	49 KIPS	0.00
	190.330				68# 28#			79	GONDOLA	17 KIPS	17 KIPS	0.00
	190.186				68# 28#			98	SD40	11 KIPS	11 KIPS	0.00
	190.178				68# 28#			99	SD40	6 KIPS	6 KIPS	0.00
HELPERS	190.168			RUN 1	162	12# REL			SD40	0 KIPS	-1 KIPS	0.00
	190.932				68# 28#			1	SD40	-1 KIPS	-2 KIPS	0.00
0:28: 1	190.920	0	7	RUN 1	169	12# REL	49:83 .00:	2	SD40	-2 KIPS	-1 KIPS	0.00
	190.907				68# 28#			3	GONDOLA	11 KIPS	11 KIPS	0.00
	190.783				68# 28#			22	GONDOLA	23 KIPS	23 KIPS	0.00
	190.820				68# 28#			41	GONDOLA	35 KIPS	35 KIPS	0.00
	190.476				68# 28#			60	GONDOLA	47 KIPS	48 KIPS	0.00
	190.332				68# 28#			79	GONDOLA	18 KIPS	18 KIPS	0.00
	190.188				68# 28#			98	SD40	16 KIPS	11 KIPS	0.00
	190.180				68# 28#			99	SD40	5 KIPS	5 KIPS	0.00
HELPERS	190.168			RUN 1	168	12# REL			SD40	0 KIPS	-1 KIPS	0.00
	190.934				68# 28#			1	SD40	-1 KIPS	-1 KIPS	0.00
0:29: 2	190.922	0	8	RUN 1	176	12# REL	48:83 .00:	2	SD40	-1 KIPS	-1 KIPS	0.00
	190.909				68# 28#			3	GONDOLA	10 KIPS	11 KIPS	0.00
	190.785				68# 28#			22	GONDOLA	22 KIPS	23 KIPS	0.00
	190.821				68# 28#			41	GONDOLA	34 KIPS	34 KIPS	0.00
	190.477				68# 28#			60	GONDOLA	45 KIPS	46 KIPS	0.00
	190.333				68# 28#			79	GONDOLA	17 KIPS	15 KIPS	0.00
	190.190				68# 28#			98	SD40	15 KIPS	10 KIPS	0.00
	190.182				68# 28#			99	SD40	10 KIPS	5 KIPS	0.00
HELPERS	190.170			RUN 1	175	12# REL			SD40	0 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THYLE AMPS	SETTING TRN IND PIPE CYL	BRAKES PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRUMBAR FORCES FORE	AFT	
0:29: 3	190.936	0	6 RUN 1	182 12# REL	68# 28#	48:83 .00:	1	SD40	0 KIPS	-2 KIPS	0.00
	190.923				68# 28#		2	SD40	-2 KIPS	-3 KIPS	0.00
	190.911				68# 28#		3	GONDOLA	-3 KIPS	-4 KIPS	0.00
	190.787				68# 28#		22	GONDOLA	10 KIPS	11 KIPS	0.00
	190.923				68# 28#		41	GONDOLA	21 KIPS	22 KIPS	0.00
	190.478				68# 28#		60	GONDOLA	33 KIPS	33 KIPS	0.00
	190.335				68# 28#		78	GONDOLA	44 KIPS	44 KIPS	0.00
	190.191				68# 28#		98	GONDOLA	15 KIPS	13 KIPS	0.00
HELPERS	190.184				68# 28#		99	SD40	13 KIPS	9 KIPS	0.00
	190.171		RUN 1	182 12# REL	68# 28#		100	SD40	9 KIPS	4 KIPS	0.00
0:29: 4	190.937	0	6 RUN 1	189 12# REL	68# 28#	44:83 .00:	1	SD40	0 KIPS	0 KIPS	0.00
	190.925				68# 28#		2	SD40	0 KIPS	0 KIPS	0.00
	190.912				68# 28#		3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.769				68# 28#		22	GONDOLA	9 KIPS	10 KIPS	0.00
	190.625				68# 28#		41	GONDOLA	20 KIPS	21 KIPS	0.00
	190.481				68# 28#		60	GONDOLA	31 KIPS	31 KIPS	0.00
	190.337				68# 28#		78	GONDOLA	42 KIPS	42 KIPS	0.00
HELPERS	190.193				68# 28#		98	GONDOLA	13 KIPS	11 KIPS	0.00
	190.185		RUN 1	189 12# REL	68# 28#		99	SD40	11 KIPS	8 KIPS	0.00
	190.173				68# 28#		100	SD40	8 KIPS	4 KIPS	0.00
0:29: 5	190.939	0	5 RUN 1	197 12# REL	68# 28#	42:84 .00:	1	SD40	0 KIPS	0 KIPS	0.00
	190.926				68# 28#		2	SD40	0 KIPS	0 KIPS	0.00
	190.914				68# 28#		3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.770				68# 28#		22	GONDOLA	9 KIPS	10 KIPS	0.00
	190.628				68# 28#		41	GONDOLA	19 KIPS	20 KIPS	0.00
	190.482				68# 28#		60	GONDOLA	30 KIPS	30 KIPS	0.00
	190.338				68# 28#		78	GONDOLA	40 KIPS	40 KIPS	0.00
	190.194		RUN 1	197 12# REL	68# 28#		98	GONDOLA	12 KIPS	10 KIPS	0.00
HELPERS	190.187				68# 28#		99	SD40	10 KIPS	8 KIPS	0.00
	190.174				68# 28#		100	SD40	8 KIPS	3 KIPS	0.00
-----> IDLE											
-----> CONTINUE UNTIL SPEED REACHES 0 M.P.H.											
0:29: 6	190.940	0	5 IDLE	0 12# REL	68# 28#	70:84 .01:2	1	SD40	0 KIPS	-11 KIPS	0.01
	190.928				68# 28#		2	SD40	-11 KIPS	-23 KIPS	0.01
	190.915				68# 28#		3	GONDOLA	-23 KIPS	-28 KIPS	0.01
	190.771				68# 28#		22	GONDOLA	16 KIPS	17 KIPS	0.00
	190.627				68# 28#		41	GONDOLA	33 KIPS	34 KIPS	0.00
	190.484				68# 28#		60	GONDOLA	49 KIPS	50 KIPS	0.00
	190.340				68# 28#		78	GONDOLA	68 KIPS	68 KIPS	0.00
	190.196				68# 28#		98	GONDOLA	44 KIPS	42 KIPS	0.00
HELPERS	190.188		IDLE	0 12# REL	68# 28#		99	SD40	42 KIPS	28 KIPS	0.00
	190.178				68# 28#		100	SD40	29 KIPS	15 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING PRESSURE	BRAKES TRN IND PIPE CVL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRABAR FORCES FORE	AFT	
0:28: 7	190.841	0	4	IDLE	0 12# REL	88# 28#	1	SD40	0 KIPS	-15 KIPS	0.01
	190.829					88# 28#	2	SD40	-15 KIPS	-28 KIPS	0.02
	190.817					88# 28#	3	GONDOLA	-28 KIPS	-38 KIPS	0.02
	190.773					88# 28#	22	GONDOLA	16 KIPS	16 KIPS	0.00
	190.629					88# 28#	41	GONDOLA	32 KIPS	33 KIPS	0.00
	190.485					88# 28#	60	GONDOLA	48 KIPS	50 KIPS	0.00
	190.341					88# 28#	78	GONDOLA	65 KIPS	66 KIPS	0.00
	190.197					88# 28#	98	GONDOLA	42 KIPS	42 KIPS	0.00
	190.189					88# 28#	99	SD40	29 KIPS	29 KIPS	0.00
	180.177					88# 28#	100	SD40	15 KIPS	15 KIPS	0.00
HELPERS	180.842			IDLE	0 12# REL	88# 28#	1	SD40	0 KIPS	-14 KIPS	0.02
	190.930					88# 28#	2	SD40	-14 KIPS	-27 KIPS	0.03
	190.918					88# 28#	3	GONDOLA	-27 KIPS	-35 KIPS	0.03
	190.774					88# 28#	22	GONDOLA	13 KIPS	13 KIPS	0.00
	190.630					88# 28#	41	GONDOLA	28 KIPS	30 KIPS	0.00
	190.488					88# 28#	60	GONDOLA	46 KIPS	47 KIPS	0.00
	190.342					88# 28#	78	GONDOLA	63 KIPS	64 KIPS	0.00
	190.198					88# 28#	98	GONDOLA	43 KIPS	41 KIPS	0.00
	190.190					88# 28#	99	SD40	28 KIPS	28 KIPS	0.00
	190.178					88# 28#	100	SD40	0 KIPS	14 KIPS	0.00
HELPERS	190.943	0	3	IDLE	0 12# REL	88# 28#	1	SD40	0 KIPS	-9 KIPS	0.02
	190.831					88# 28#	2	SD40	-9 KIPS	-19 KIPS	0.04
	190.819					88# 28#	3	GONDOLA	-19 KIPS	-25 KIPS	0.03
	190.775					88# 28#	22	GONDOLA	11 KIPS	12 KIPS	0.00
	190.631					88# 28#	41	GONDOLA	28 KIPS	29 KIPS	0.00
	190.487					88# 28#	60	GONDOLA	46 KIPS	48 KIPS	0.00
	190.343					88# 28#	78	GONDOLA	63 KIPS	64 KIPS	0.00
	190.199					88# 28#	98	GONDOLA	42 KIPS	42 KIPS	0.00
	190.191					88# 28#	99	SD40	28 KIPS	28 KIPS	0.00
	190.179					88# 28#	100	SD40	0 KIPS	15 KIPS	0.00
HELPERS	190.944	0	3	IDLE	0 12# REL	88# 28#	1	SD40	0 KIPS	-9 KIPS	0.02
	190.832					88# 28#	2	SD40	-9 KIPS	-17 KIPS	0.04
	190.920					88# 28#	3	GONDOLA	-17 KIPS	-16 KIPS	0.03
	190.776					88# 28#	22	GONDOLA	8 KIPS	9 KIPS	0.00
	190.632					88# 28#	41	GONDOLA	28 KIPS	27 KIPS	0.00
	190.488					88# 28#	60	GONDOLA	43 KIPS	44 KIPS	0.00
	190.344					88# 28#	78	GONDOLA	61 KIPS	62 KIPS	0.00
	190.200					88# 28#	98	GONDOLA	43 KIPS	41 KIPS	0.00
	190.192					88# 28#	99	SD40	28 KIPS	28 KIPS	0.00
	190.180					88# 28#	100	SD40	0 KIPS	14 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THTLT AMPS	SETTING TRN IND PIPE	BRAKES PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRAWBAR FORCES FORE	FORCES AFT	
0:29:11	190.945	0	2	IDLE	0 12# REL	66:85 .04:2	1	SD40	0 KIPS	-9 KIPS	0.02
	190.933				68# 28#		2	SD40	-9 KIPS	-18 KIPS	0.04
	190.920				68# 28#		3	GONDOLA	-18 KIPS	-17 KIPS	0.04
	190.778				68# 28#		22	GONDOLA	6 KIPS	7 KIPS	0.00
	190.632				68# 28#		41	GONDOLA	24 KIPS	25 KIPS	0.00
	190.489				68# 28#		60	GONDOLA	42 KIPS	43 KIPS	0.00
	190.345				68# 28#		78	GONDOLA	60 KIPS	61 KIPS	0.00
	190.201				68# 28#		98	GONDOLA	43 KIPS	41 KIPS	0.00
HELPERS	190.193			IDLE	0 12# REL		99	SD40	41 KIPS	28 KIPS	0.00
	190.181				68# 28#		100	SD40	28 KIPS	14 KIPS	0.00
0:29:12	190.946	0	2	IDLE	0 12# REL	65:85 .04:2	1	SD40	0 KIPS	-9 KIPS	0.02
	190.933				68# 28#		2	SD40	-9 KIPS	-18 KIPS	0.04
	190.921				68# 28#		3	GONDOLA	-18 KIPS	-17 KIPS	0.04
	190.777				68# 28#		22	GONDOLA	3 KIPS	4 KIPS	0.00
	190.633				68# 28#		41	GONDOLA	22 KIPS	23 KIPS	0.00
	190.489				68# 28#		60	GONDOLA	41 KIPS	42 KIPS	0.00
	190.345				68# 28#		79	GONDOLA	59 KIPS	60 KIPS	0.00
	190.201				68# 28#		98	GONDOLA	43 KIPS	41 KIPS	0.00
HELPERS	190.194			IDLE	0 12# REL		99	SD40	41 KIPS	27 KIPS	0.00
	190.181				68# 28#		100	SD40	27 KIPS	14 KIPS	0.00
0:29:13	190.946	0	1	IDLE	0 12# REL	64:85 .04:2	1	SD40	0 KIPS	-9 KIPS	0.02
	190.934				68# 28#		2	SD40	-9 KIPS	-19 KIPS	0.04
	190.921				68# 28#		3	GONDOLA	-19 KIPS	-18 KIPS	0.04
	190.778				68# 28#		22	GONDOLA	-45 KIPS	-42 KIPS	0.00
	190.634				68# 28#		41	GONDOLA	20 KIPS	21 KIPS	0.00
	190.490				68# 28#		60	GONDOLA	39 KIPS	40 KIPS	0.00
	190.346				68# 28#		79	GONDOLA	58 KIPS	59 KIPS	0.00
	190.202				68# 28#		98	GONDOLA	43 KIPS	41 KIPS	0.00
HELPERS	190.194			IDLE	0 12# REL		99	SD40	41 KIPS	27 KIPS	0.00
	190.182				68# 28#		100	SD40	27 KIPS	14 KIPS	0.00
0:29:14	190.946	0	1	IDLE	0 12# REL	64:85 .04:2	1	SD40	0 KIPS	-8 KIPS	0.02
	190.934				68# 28#		2	SD40	-8 KIPS	-19 KIPS	0.04
	190.922				68# 28#		3	GONDOLA	-19 KIPS	-18 KIPS	0.04
	190.778				68# 28#		22	GONDOLA	-32 KIPS	-38 KIPS	0.00
	190.634				68# 28#		41	GONDOLA	18 KIPS	19 KIPS	0.00
	190.490				68# 28#		60	GONDOLA	38 KIPS	39 KIPS	0.00
	190.346				68# 28#		79	GONDOLA	57 KIPS	58 KIPS	0.00
	190.202				68# 28#		98	GONDOLA	42 KIPS	40 KIPS	0.00
HELPERS	190.195			IDLE	0 12# REL		99	SD40	40 KIPS	27 KIPS	0.00
	190.182				68# 28#		100	SD40	27 KIPS	14 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THLE AMP	SETTING TRN IN	PRESSURE PIPE	CYL	KIPS:CAR	MAXIMUMS (AND LOCATION) L/V:CAR	POSITION	FOR SPECIFIED VEHICLES DRAMBAR FORCES		L/V RATIO			
										IDENTIFIER	FORE		AFT		
0:29:15	190.947	0	0	IDLE	0	12#	REL	68# 28#	63:85	04:2	1	SD40	0 KIPS	-9 KIPS	0.02
	190.934							68# 28#			2	SD40	-9 KIPS	-18 KIPS	0.04
	190.922							68# 28#			3	GONDOLA	-18 KIPS	-18 KIPS	0.04
	190.778							68# 28#			22	GONDOLA	-28 KIPS	-29 KIPS	0.00
	190.634							68# 28#			41	GONDOLA	17 KIPS	18 KIPS	0.00
	190.490							68# 28#			60	GONDOLA	37 KIPS	38 KIPS	0.00
	190.348							68# 28#			79	GONDOLA	56 KIPS	57 KIPS	0.00
	190.202							68# 28#			98	GONDOLA	41 KIPS	39 KIPS	0.00
HELPERS	190.195			IDLE	0	12#	REL	68# 28#			99	SD40	39 KIPS	28 KIPS	0.00
	190.182							68# 28#			100	SD40	26 KIPS	13 KIPS	0.00

-----> STOP COMPUTER RUN

MAXIMUM FORCES FOR THIS CASE

MAX. DRAFT COUPLER FORCE: 216 KIPS ON VEH. 101 AT 0:28:30

MAX. BUFF COUPLER FORCE: -293 KIPS ON VEH. 84 AT 0: 0: 5

MAXIMUM L/V : 0.56 ON VEH. 99 AT 0:10:15

H

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TRAIN SUMMARY

LEAD LOCOMOTIVES	HELPER LOCOMOTIVES	CARS	TRAILING TONNAGE	TOTAL TONNAGE	TOTAL LENGTH
3	0	70	8820	9409	2998'

VEHICLE LISTING

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1	GM108		68'	185T		M380	28"	12X50"	COMP/PL	J1.8
2- 3	LOCO (2)	SD40	65'	197T		M380	28"	12X40"	COMP/PL	J1.8
4- 73	CARS (70)	LG4	40'	126T		MK50	29"	8X38"	C.I.	AB

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUNP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1	GM108		69'	195T		M380	28"	12X50"	COMP/PL	J1.6

DYNAMIC BRAKES: NONE

TRANSITION SPEED: 20 MPH

SPEED (MPH):

5	15	30	45	60	75
ENGINE TRACTIVE FORCE: 138558#	138078#	134353#	101248#	78934#	80748#
ENGINE H.P. AT RAIL: 1820	5427	10748	12148	12148	12148
DYNAMIC BRAKE FORCE: 0#	0#	0#	0#	0#	0#
DYNAMIC H.P. AT RAIL: 0	0	0	0	0	0

STATION TIME	MP	SPEED LMT RUN	THITLE AMPS TRN INO PIPE	BRAKES SETTING PRESSURE CYL KIPS:CAR L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES AFT	L/V RATIO
-----> USE WIDE CARRIAGE FORMAT FOR OUTPUT DATA									
-----> PRINT OUT (AT LEAST) EVERY 10 SECONDS									
-----> USE 80 P.S.I. BRAKE PIPE PRESSURE									
-----> LEAKAGE = 2 P.S.I. PER MINUTE									
-----> PRINT OUT FORCES ON VEHICLE 1									
-----> PRINT OUT FORCES ON VEHICLE 2									
-----> PRINT OUT FORCES ON VEHICLE 3									
-----> PRINT OUT FORCES ON VEHICLE 4									
-----> PRINT OUT FORCES ON VEHICLE 27									
-----> PRINT OUT FORCES ON VEHICLE 50									
-----> PRINT OUT FORCES ON VEHICLE 73									
-----> SAND									
-----> RUN 1									
-----> CONTINUE FOR 280 SECONDS									
-----> TRAIN STARTING AT -0.30% GRADE									
0: 0: 0	182.880	0	0	1 RUN 1 255 REL REL	58:4 10:73	1	GM108	0 KIPS	-53 KIPS
	182.867					2	SD40	-53 KIPS	-54 KIPS
	182.855					3	SD40	58 KIPS	58 KIPS
	182.842					4	SD40	0 KIPS	0 KIPS
	182.829					27	GONDOLA	0 KIPS	0 KIPS
	182.816					50	GONDOLA	0 KIPS	0 KIPS
	182.803					73	GONDOLA	0 KIPS	0 KIPS
	182.790						GONDOLA	98 KIPS	98 KIPS
0: 0: 10	182.882	0	1 RUN 1 255 REL REL	223:28 10:5		1	GM108	99 KIPS	95 KIPS
	182.868					2	SD40	103 KIPS	103 KIPS
	182.856					3	SD40	124 KIPS	124 KIPS
	182.844					4	GONDOLA	220 KIPS	220 KIPS
	182.831					27	GONDOLA	210 KIPS	210 KIPS
	182.818					50	GONDOLA	218 KIPS	218 KIPS
	182.805					73	GONDOLA	0 KIPS	0 KIPS
0: 0: 20	182.888	0	2 RUN 1 255 REL REL	70:4 11:5		1	GM108	15 KIPS	15 KIPS
	182.873					2	SD40	43 KIPS	43 KIPS
	182.861					3	SD40	70 KIPS	70 KIPS
	182.848					4	GONDOLA	69 KIPS	69 KIPS
	182.835					27	GONDOLA	47 KIPS	47 KIPS
	182.822					50	GONDOLA	24 KIPS	24 KIPS
	182.809					73	GONDOLA	0 KIPS	0 KIPS
0: 0: 30	182.893	0	3 RUN 1 255 REL REL	57:4 10:6		1	GM108	0 KIPS	18 KIPS
	182.880					2	SD40	16 KIPS	36 KIPS
	182.868					3	SD40	38 KIPS	57 KIPS
	182.856					4	GONDOLA	57 KIPS	57 KIPS
	182.843					27	GONDOLA	38 KIPS	38 KIPS
	182.830					50	GONDOLA	20 KIPS	18 KIPS
	182.817					73	GONDOLA	1 KIPS	0 KIPS
-----> TRAIN ENTERING -0.31 % GRADE									

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STATION TIME	MP	SPEED LMT	THLE RUN	AMPS	SETTING TRN	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
						IND	PIPE				DRABAR FORCES FORE	DRABAR FORCES AFT					
0: 0:40	182.903	0	4	RUN	1	255	REL	REL	80#	OH	49:4	10:7	1	GM108	0 KIPS	18 KIPS	0.00
	182.890								80#	OH			2	SD40	18 KIPS	33 KIPS	0.00
	182.877								80#	OH			3	SD40	33 KIPS	49 KIPS	0.00
	182.865								80#	OH			4	GONDOLA	49 KIPS	49 KIPS	0.00
	182.891								80#	OH			27	GONDOLA	34 KIPS	33 KIPS	0.10
0: 0:50	182.517								80#	OH			50	GONDOLA	17 KIPS	16 KIPS	0.10
	182.342								80#	OH			73	GONDOLA	1 KIPS	0 KIPS	0.10
	182.915	0	5	RUN	1	255	REL	REL	80#	OH	45:4	10:8	1	GM108	0 KIPS	18 KIPS	0.00
	182.901								80#	OH			2	SD40	16 KIPS	30 KIPS	0.00
	182.889								80#	OH			3	SD40	30 KIPS	45 KIPS	0.00
0: 1: 0	182.877								80#	OH			4	GONDOLA	45 KIPS	45 KIPS	0.00
	182.703								80#	OH			27	GONDOLA	31 KIPS	30 KIPS	0.10
	182.528								80#	OH			50	GONDOLA	16 KIPS	15 KIPS	0.10
	182.354								80#	OH			73	GONDOLA	1 KIPS	0 KIPS	0.10
	182.928	0	5	RUN	1	255	REL	REL	80#	OH	42:4	10:10	1	GM108	0 KIPS	16 KIPS	0.00
0: 1: 10	182.915								80#	OH			2	SD40	16 KIPS	28 KIPS	0.00
	182.903								80#	OH			3	SD40	28 KIPS	42 KIPS	0.00
	182.891								80#	OH			4	GONDOLA	42 KIPS	41 KIPS	0.00
	182.717								80#	OH			27	GONDOLA	29 KIPS	28 KIPS	0.10
	182.542								80#	OH			50	GONDOLA	15 KIPS	14 KIPS	0.10
0: 1: 20	182.368								80#	OH			73	GONDOLA	1 KIPS	0 KIPS	0.09
	182.944	0	6	RUN	1	255	REL	REL	80#	OH	38:4	10:11	1	GM108	0 KIPS	16 KIPS	0.00
	182.931								80#	OH			2	SD40	16 KIPS	27 KIPS	0.00
	182.919								80#	OH			3	SD40	27 KIPS	38 KIPS	0.00
	182.907								80#	OH			4	GONDOLA	38 KIPS	38 KIPS	0.00
0: 1: 30	182.732								80#	OH			27	GONDOLA	27 KIPS	27 KIPS	0.10
	182.558								80#	OH			50	GONDOLA	14 KIPS	13 KIPS	0.10
	182.384								80#	OH			73	GONDOLA	1 KIPS	0 KIPS	0.09
	182.962	0	7	RUN	1	255	REL	REL	80#	OH	36:4	10:13	1	GM108	0 KIPS	16 KIPS	0.00
	182.949								80#	OH			2	SD40	16 KIPS	26 KIPS	0.00
0: 1: 40	182.937								80#	OH			3	SD40	26 KIPS	36 KIPS	0.00
	182.925								80#	OH			4	GONDOLA	36 KIPS	36 KIPS	0.00
	182.750								80#	OH			27	GONDOLA	26 KIPS	25 KIPS	0.10
	182.576								80#	OH			50	GONDOLA	13 KIPS	13 KIPS	0.10
	182.402								80#	OH			73	GONDOLA	1 KIPS	0 KIPS	0.09
0: 1: 50	182.982	0	7	RUN	1	255	REL	REL	80#	OH	34:4	10:16	1	GM108	0 KIPS	18 KIPS	0.00
	182.969								80#	OH			2	SD40	18 KIPS	25 KIPS	0.00
	182.957								80#	OH			3	SD40	25 KIPS	34 KIPS	0.00
	182.944								80#	OH			4	GONDOLA	34 KIPS	33 KIPS	0.00
	182.770								80#	OH			27	GONDOLA	25 KIPS	25 KIPS	0.10
0: 2: 00	182.598								80#	OH			50	GONDOLA	13 KIPS	12 KIPS	0.10
	182.422								80#	OH			73	GONDOLA	1 KIPS	0 KIPS	0.09

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 1	255 REL	REL	REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0: 1:40	183.004	0	8	RUN	1	255	REL	REL	80#	0#	GM10B	0 KIPS	0.00
	182.991								80#	0#	SD40	16 KIPS	0.00
	182.978								80#	0#	SD40	24 KIPS	0.00
	182.966								80#	0#	SD40	32 KIPS	0.00
	182.792								80#	0#	GONDOLA	32 KIPS	0.00
0: 1:50	182.618								80#	0#	GONDOLA	24 KIPS	0.10
	182.443								80#	0#	GONDOLA	12 KIPS	0.09
	183.027	0	9	RUN	1	255	REL	REL	80#	0#	GONDOLA	0 KIPS	0.08
	183.014								80#	0#	GM10B	16 KIPS	0.00
	183.002								80#	0#	SD40	23 KIPS	0.00
0: 2: 0	182.990								80#	0#	SD40	30 KIPS	0.00
	182.815								80#	0#	GONDOLA	30 KIPS	0.00
	182.641								80#	0#	GONDOLA	24 KIPS	0.10
	182.467								80#	0#	GONDOLA	12 KIPS	0.09
	183.053	0	9	RUN	1	255	REL	REL	80#	0#	GONDOLA	0 KIPS	0.09
0: 2: 10	183.040								80#	0#	GM10B	18 KIPS	0.00
	183.027								80#	0#	SD40	22 KIPS	0.00
	183.015								80#	0#	SD40	29 KIPS	0.00
	182.841								80#	0#	GONDOLA	24 KIPS	0.10
	182.667								80#	0#	GONDOLA	12 KIPS	0.08
0: 2: 20	182.492								80#	0#	GONDOLA	0 KIPS	0.08
	183.080	0	10	RUN	1	255	REL	REL	80#	0#	GM10B	18 KIPS	0.00
	183.067								80#	0#	SD40	22 KIPS	0.00
	183.055								80#	0#	SD40	28 KIPS	0.00
	183.042								80#	0#	GONDOLA	28 KIPS	0.00
0: 2: 30	182.868								80#	0#	GONDOLA	24 KIPS	0.09
	182.694								80#	0#	GONDOLA	12 KIPS	0.09
	182.520								80#	0#	GONDOLA	0 KIPS	0.08
	183.109	0	11	RUN	1	255	REL	REL	80#	0#	GM10B	18 KIPS	0.00
	183.096								80#	0#	SD40	22 KIPS	0.00
0: 2: 40	183.084								80#	0#	SD40	27 KIPS	0.00
	183.071								80#	0#	GONDOLA	27 KIPS	0.00
	182.897								80#	0#	GONDOLA	23 KIPS	0.00
	182.723								80#	0#	GONDOLA	12 KIPS	0.09
	182.548								80#	0#	GONDOLA	0 KIPS	0.09
0: 2: 50	183.140	0	11	RUN	1	255	REL	REL	80#	0#	GM10B	18 KIPS	0.00
	183.127								80#	0#	SD40	21 KIPS	0.00
	183.115								80#	0#	SD40	26 KIPS	0.00
	183.102								80#	0#	GONDOLA	28 KIPS	0.00
	182.928								80#	0#	GONDOLA	22 KIPS	0.00
0: 2: 54	182.754								80#	0#	GONDOLA	12 KIPS	0.09
	182.580								80#	0#	GONDOLA	0 KIPS	0.09

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STATION TIME	MP	SPEED LMT RUN	THRTLE 1	AMPS 255	SETTING REL	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	DRABAR FORCES AFT	
0: 2:40	183.173	0	12	RUN	1	255	REL	REL	80#	0#	0#	0#	0.00
	183.160								80#	0#	0#	0#	0.00
	183.148								80#	0#	0#	0#	0.00
	183.135								80#	0#	0#	0#	0.00
	182.961								80#	0#	0#	0#	0.00
	182.787								80#	0#	0#	0#	0.00
	182.613								80#	0#	0#	0#	0.00
0: 2:50	183.208	0	13	RUN	1	254	REL	REL	80#	0#	0#	0#	0.00
	183.195								80#	0#	0#	0#	0.00
	183.182								80#	0#	0#	0#	0.00
	183.170								80#	0#	0#	0#	0.00
	182.998								80#	0#	0#	0#	0.00
	182.822								80#	0#	0#	0#	0.00
	182.647								80#	0#	0#	0#	0.00
0: 3: 0	183.244	0	14	RUN	1	254	REL	REL	80#	0#	0#	0#	0.00
	183.231								80#	0#	0#	0#	0.00
	183.219								80#	0#	0#	0#	0.00
	183.207								80#	0#	0#	0#	0.00
	183.032								80#	0#	0#	0#	0.00
	182.858								80#	0#	0#	0#	0.00
	182.684								80#	0#	0#	0#	0.00
0: 3:10	183.283	0	14	RUN	1	253	REL	REL	80#	0#	0#	0#	0.00
	183.270								80#	0#	0#	0#	0.00
	183.258								80#	0#	0#	0#	0.00
	183.245								80#	0#	0#	0#	0.00
	183.071								80#	0#	0#	0#	0.00
	182.897								80#	0#	0#	0#	0.00
	182.723								80#	0#	0#	0#	0.00
0: 3:20	183.324	0	15	RUN	1	253	REL	REL	80#	0#	0#	0#	0.00
	183.311								80#	0#	0#	0#	0.00
	183.298								80#	0#	0#	0#	0.00
	183.286								80#	0#	0#	0#	0.00
	183.112								80#	0#	0#	0#	0.00
	182.938								80#	0#	0#	0#	0.00
	182.763								80#	0#	0#	0#	0.00
0: 3:30	183.367	0	16	RUN	1	252	REL	REL	80#	0#	0#	0#	0.00
	183.353								80#	0#	0#	0#	0.00
	183.341								80#	0#	0#	0#	0.00
	183.328								80#	0#	0#	0#	0.00
	183.155								80#	0#	0#	0#	0.00
	182.980								80#	0#	0#	0#	0.00
	182.806								80#	0#	0#	0#	0.00

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PAGE NO 8

STATION TIME	MP	SPEED LMT RUN	THLTL AMPS 1 252 REL	BRKES TRN IND PIPE CYL	SETTING PRESSURE KIPS:CAR L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO
0: 3:40	183.411	0	17 RUN 1	80#	0#	22:4	1	GM108	0 KIPS	0.00
	183.398			80#	0#		2	SD40	16 KIPS	0.00
	183.388			80#	0#		3	SD40	19 KIPS	0.00
	183.374			80#	0#		4	GONDOLA	22 KIPS	0.00
	183.199			80#	0#		27	GONDOLA	16 KIPS	0.00
	183.025			80#	0#		50	GONDOLA	9 KIPS	0.00
	182.851			80#	0#		73	GONDOLA	1 KIPS	0.00
0: 3:50	183.458	0	17 RUN 1	80#	0#	22:4	1	GM108	0 KIPS	0.00
	183.445			80#	0#		2	SD40	15 KIPS	0.00
	183.433			80#	0#		3	SD40	19 KIPS	0.00
	183.421			80#	0#		4	GONDOLA	22 KIPS	0.00
	183.248			80#	0#		27	GONDOLA	15 KIPS	0.00
	183.072			80#	0#		50	GONDOLA	8 KIPS	0.00
0: 4: 0	182.898	0	18 RUN 1	80#	0#	21:4	1	GM108	0 KIPS	0.00
	183.508			80#	0#		2	SD40	15 KIPS	0.00
	183.484			80#	0#		3	SD40	18 KIPS	0.00
	183.482			80#	0#		4	GONDOLA	21 KIPS	0.00
	183.470			80#	0#		27	GONDOLA	14 KIPS	0.00
	183.298			80#	0#		50	GONDOLA	7 KIPS	0.00
	183.121			80#	0#		73	GONDOLA	0 KIPS	0.00
0: 4:10	182.947	0	19 RUN 1	80#	0#	21:4	1	GM108	0 KIPS	0.00
	183.559			80#	0#		2	SD40	15 KIPS	0.00
	183.548			80#	0#		3	SD40	18 KIPS	0.00
	183.533			80#	0#		4	GONDOLA	21 KIPS	0.00
	183.521			80#	0#		27	GONDOLA	14 KIPS	0.00
	183.347			80#	0#		50	GONDOLA	7 KIPS	0.00
0: 4:20	182.998	0	20 RUN 1	80#	0#	21:4	1	GM108	0 KIPS	0.00
	183.612			80#	0#		2	SD40	15 KIPS	0.00
	183.173			80#	0#		3	SD40	18 KIPS	0.00
	183.589			80#	0#		4	GONDOLA	21 KIPS	0.00
	183.587			80#	0#		27	GONDOLA	14 KIPS	0.00
	183.574			80#	0#		50	GONDOLA	7 KIPS	0.00
	183.400			80#	0#		73	GONDOLA	0 KIPS	0.00
	183.228			80#	0#		1	GM108	0 KIPS	0.00
0: 4:30	183.052	0	20 RUN 1	80#	0#	20:4	1	GM108	0 KIPS	0.00
	183.667			80#	0#		2	SD40	15 KIPS	0.00
	183.654			80#	0#		3	SD40	18 KIPS	0.00
	183.642			80#	0#		4	GONDOLA	20 KIPS	0.00
	183.830			80#	0#		27	GONDOLA	14 KIPS	0.00
	183.456			80#	0#		50	GONDOLA	7 KIPS	0.00
	183.281			80#	0#		73	GONDOLA	0 KIPS	0.00
	183.107			80#	0#				0 KIPS	0.00

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PAGE NO 9

STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S	SETTING TRN IND	PRESSURE PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0: 4:40	183.725	0	21	RUN 1	238	REL REL	80# 0#	20:4	.00:		
	183.712						80# 0#			18 KIPS	0.00
	183.698						80# 0#			18 KIPS	0.00
	183.687						80# 0#			20 KIPS	0.00
	183.513						80# 0#			13 KIPS	0.00
	183.339						80# 0#			7 KIPS	0.00
	183.164						80# 0#			0 KIPS	0.00
-----> RUN 3											
0: 4:41	183.731	0	21	RUN 3	283	REL REL	80# 0#	20:4	.00:		
	183.718						80# 0#			15 KIPS	0.00
	183.705						80# 0#			17 KIPS	0.00
	183.693						80# 0#			20 KIPS	0.00
	183.519						80# 0#			13 KIPS	0.00
	183.344						80# 0#			7 KIPS	0.00
	183.170						80# 0#			0 KIPS	0.00
0: 4:42	183.737	0	21	RUN 3	284	REL REL	80# 0#	25:4	.00:		
	183.723						80# 0#			18 KIPS	0.00
	183.711						80# 0#			21 KIPS	0.00
	183.699						80# 0#			24 KIPS	0.00
	183.525						80# 0#			17 KIPS	0.00
	183.350						80# 0#			8 KIPS	0.00
	183.176						80# 0#			0 KIPS	0.00
0: 4:50	183.785	0	22	RUN 3	588	REL REL	80# 0#	72:4	.00:		
	183.771						80# 0#			41 KIPS	0.00
	183.759						80# 0#			58 KIPS	0.00
	183.747						80# 0#			72 KIPS	0.00
	183.573						80# 0#			71 KIPS	0.00
	183.388						80# 0#			47 KIPS	0.00
	183.224						80# 0#			24 KIPS	0.00
-----> TRAIN ENTERING 3.00 DEGREE CURVE											
0: 5: 0	183.848	0	23	RUN 3	588	REL REL	80# 0#	71:4	.13:1		
	183.835						80# 0#			40 KIPS	0.13
	183.822						80# 0#			58 KIPS	0.13
	183.810						80# 0#			71 KIPS	0.13
	183.636						80# 0#			70 KIPS	0.10
	183.462						80# 0#			47 KIPS	0.00
	183.287						80# 0#			23 KIPS	0.00
0: 5:10	183.915	0	25	RUN 3	584	REL REL	80# 0#	58:4	.13:3		
	183.902						80# 0#			41 KIPS	0.13
	183.889						80# 0#			54 KIPS	0.13
	183.677						80# 0#			68 KIPS	0.10
	183.703						80# 0#			67 KIPS	0.10
	183.529						80# 0#			44 KIPS	0.00
	183.354						80# 0#			22 KIPS	0.00
							80# 0#			0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO					
										DRABAR FORCES FORE	AFT						
0: 5:11	183.922	0	25	RUN	3	564	REL	REL	80#	0#	52:4	12:2	1	GM10B	0 KIPS	40 KIPS	0.12
	183.909								80#	0#			2	SD40	40 KIPS	46 KIPS	0.12
	183.896								80#	0#			3	SD40	46 KIPS	52 KIPS	0.12
	183.884								80#	0#			4	GONDOLA	52 KIPS	51 KIPS	0.09
	183.710								80#	0#			27	GONDOLA	32 KIPS	32 KIPS	0.00
	183.535								80#	0#			50	GONDOLA	16 KIPS	16 KIPS	0.00
	183.381								80#	0#			73	GONDOLA	0 KIPS	0 KIPS	0.00
0: 5:12	183.929	0	25	RUN	3	563	REL	REL	80#	0#	55:4	12:2	1	GM10B	0 KIPS	40 KIPS	0.12
	183.915								80#	0#			2	SD40	40 KIPS	48 KIPS	0.12
	183.903								80#	0#			3	SD40	48 KIPS	55 KIPS	0.12
	183.891								80#	0#			4	GONDOLA	55 KIPS	54 KIPS	0.09
	183.717								80#	0#			27	GONDOLA	34 KIPS	33 KIPS	0.00
	183.542								80#	0#			50	GONDOLA	17 KIPS	17 KIPS	0.00
	183.368								80#	0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
0: 5:20	183.885	0	26	RUN	3	562	REL	REL	80#	0#	65:4	12:2	1	GM10B	0 KIPS	40 KIPS	0.12
	183.972								80#	0#			2	SD40	40 KIPS	53 KIPS	0.12
	183.960								80#	0#			3	SD40	53 KIPS	65 KIPS	0.12
	183.947								80#	0#			4	GONDOLA	65 KIPS	64 KIPS	0.09
	183.773								80#	0#			27	GONDOLA	38 KIPS	38 KIPS	0.00
	183.599								80#	0#			50	GONDOLA	20 KIPS	20 KIPS	0.00
	183.425								80#	0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
SDG M 184																	
0: 5:22	184.000	0	26	RUN	3	561	REL	REL	80#	0#	65:4	12:3	1	GM10B	0 KIPS	40 KIPS	0.12
	183.987								80#	0#			2	SD40	40 KIPS	52 KIPS	0.12
	183.075								80#	0#			3	SD40	52 KIPS	65 KIPS	0.12
	183.962								80#	0#			4	GONDOLA	65 KIPS	64 KIPS	0.09
	183.788								80#	0#			27	GONDOLA	38 KIPS	38 KIPS	0.09
	183.614								80#	0#			50	GONDOLA	20 KIPS	19 KIPS	0.00
	183.440								80#	0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.00 DEGREE CURVE																	
0: 5:30	184.058	0	27	RUN	3	560	REL	REL	80#	0#	65:4	13:3	1	GM10B	0 KIPS	40 KIPS	0.12
	184.045								80#	0#			2	SD40	40 KIPS	53 KIPS	0.13
	184.033								80#	0#			3	SD40	53 KIPS	65 KIPS	0.13
	184.021								80#	0#			4	GONDOLA	65 KIPS	64 KIPS	0.10
	183.848								80#	0#			27	GONDOLA	40 KIPS	39 KIPS	0.09
	183.672								80#	0#			50	GONDOLA	20 KIPS	19 KIPS	0.00
	183.498								80#	0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
0: 5:37	184.110	0	28	RUN	3	559	REL	REL	80#	0#	65:4	09:7	1	GM10B	0 KIPS	40 KIPS	0.00
	184.087								80#	0#			2	SD40	40 KIPS	53 KIPS	0.00
	184.085								80#	0#			3	SD40	53 KIPS	65 KIPS	0.00
	184.072								80#	0#			4	GONDOLA	65 KIPS	64 KIPS	0.00
	183.898								80#	0#			27	GONDOLA	42 KIPS	41 KIPS	0.08
	183.724								80#	0#			50	GONDOLA	19 KIPS	18 KIPS	0.00
	183.550								80#	0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
-----> RUN 4																	

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STATION TIME	MP	SPEED LMT RUN	THLTLE TRN	AMPS IND	BRAKES PIPE	SETTING CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	FORCES AFT	
0: 5:38	184.118	0	28	RUN	4	566	REL	80# 0# 84:4 .09:14	1	GM10B	0 KIPS	40 KIPS	0.00
	184.105							80# 0#	2	SD40	40 KIPS	52 KIPS	0.00
	184.082							80# 0#	3	SD40	52 KIPS	84 KIPS	0.00
	184.080							80# 0#	4	GONDOLA	84 KIPS	83 KIPS	0.00
	183.908							80# 0#	27	GONDOLA	42 KIPS	41 KIPS	0.08
	183.732							80# 0#	50	GONDOLA	19 KIPS	18 KIPS	0.00
	183.557							80# 0#	73	GONDOLA	1 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 1.31 % GRADE													
0: 5:40	184.135	0	28	RUN	4	566	REL	80# 0# 70:4 .09:16	1	GM10B	0 KIPS	43 KIPS	0.00
	184.122							80# 0#	2	SD40	43 KIPS	56 KIPS	0.00
	184.110							80# 0#	3	SD40	56 KIPS	70 KIPS	0.00
	184.097							80# 0#	4	GONDOLA	70 KIPS	69 KIPS	0.00
	183.923							80# 0#	27	GONDOLA	46 KIPS	45 KIPS	0.08
	183.749							80# 0#	50	GONDOLA	21 KIPS	20 KIPS	0.00
	183.575							80# 0#	73	GONDOLA	1 KIPS	0 KIPS	0.00
0: 5:50	184.215	0	29	RUN	4	759	REL	80# 0# 73:4 .08:17	1	GM10B	0 KIPS	51 KIPS	0.00
	184.202							80# 0#	2	SD40	51 KIPS	62 KIPS	0.00
	184.190							80# 0#	3	SD40	62 KIPS	73 KIPS	0.00
	184.177							80# 0#	4	GONDOLA	73 KIPS	71 KIPS	0.00
	184.003							80# 0#	27	GONDOLA	48 KIPS	47 KIPS	0.08
	183.829							80# 0#	50	GONDOLA	22 KIPS	21 KIPS	0.08
	183.655							80# 0#	73	GONDOLA	1 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 3.50 DEGREE CURVE													
0: 6: 0	184.287	0	30	RUN	4	755	REL	80# 0# 73:4 .17:4	1	GM10B	0 KIPS	51 KIPS	0.14
	184.284							80# 0#	2	SD40	51 KIPS	62 KIPS	0.12
	184.272							80# 0#	3	SD40	62 KIPS	73 KIPS	0.16
	184.260							80# 0#	4	GONDOLA	73 KIPS	69 KIPS	0.17
	184.085							80# 0#	27	GONDOLA	28 KIPS	28 KIPS	0.07
	183.911							80# 0#	50	GONDOLA	12 KIPS	11 KIPS	0.08
	183.737							80# 0#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0: 6:10	184.381	0	30	RUN	4	755	REL	80# 0# 79:4 .17:4	1	GM10B	0 KIPS	53 KIPS	0.11
	184.367							80# 0#	2	SD40	53 KIPS	66 KIPS	0.12
	184.355							80# 0#	3	SD40	66 KIPS	78 KIPS	0.16
	184.343							80# 0#	4	GONDOLA	78 KIPS	76 KIPS	0.17
	184.169							80# 0#	27	GONDOLA	40 KIPS	38 KIPS	0.00
	183.994							80# 0#	50	GONDOLA	2 KIPS	2 KIPS	0.07
	183.820							80# 0#	73	GONDOLA	0 KIPS	0 KIPS	0.07
0: 6:17	184.440	0	30	RUN	4	759	REL	80# 0# -86:45 .17:4	1	GM10B	0 KIPS	54 KIPS	0.11
	184.427							80# 0#	2	SD40	54 KIPS	68 KIPS	0.12
	184.415							80# 0#	3	SD40	68 KIPS	82 KIPS	0.16
	184.402							80# 0#	4	GONDOLA	82 KIPS	78 KIPS	0.17
	184.228							80# 0#	27	GONDOLA	22 KIPS	25 KIPS	0.08
	184.054							80# 0#	50	GONDOLA	3 KIPS	3 KIPS	0.07
	183.880							80# 0#	73	GONDOLA	-4 KIPS	0 KIPS	0.07
-----> RUN 6													

STATION TIME	MP	SPEED LMT RUN	THYLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0: 8:18	184.448	0	30	RUN	8	774	REL	REL	1	GM108	0 KIPS	54 KIPS	0.11
	184.435						80#	0#	2	SD40	54 KIPS	67 KIPS	0.12
	184.423						80#	0#	3	SD40	67 KIPS	81 KIPS	0.14
	184.410						80#	0#	4	GONDOLA	81 KIPS	78 KIPS	0.15
	184.238						80#	0#	27	GONDOLA	15 KIPS	12 KIPS	0.08
0: 6:19	184.062						80#	0#	50	GONDOLA	2 KIPS	2 KIPS	0.00
	183.888						80#	0#	73	GONDOLA	0 KIPS	0 KIPS	0.07
	184.456	0	29	RUN	6	792	REL	REL	1	GM108	0 KIPS	55 KIPS	0.11
	184.443						80#	0#	2	SD40	55 KIPS	69 KIPS	0.12
	184.431						80#	0#	3	SD40	69 KIPS	83 KIPS	0.15
0: 6:20	184.419						80#	0#	4	GONDOLA	83 KIPS	80 KIPS	0.15
	184.244						80#	0#	27	GONDOLA	14 KIPS	11 KIPS	0.08
	184.070						80#	0#	50	GONDOLA	-117 KIPS	-113 KIPS	0.01
	183.896						80#	0#	73	GONDOLA	0 KIPS	0 KIPS	0.07
	184.463	0	29	RUN	6	859	REL	REL	1	GM108	0 KIPS	59 KIPS	0.10
0: 6:30	184.450						80#	0#	2	SD40	59 KIPS	78 KIPS	0.13
	184.438						80#	0#	3	SD40	78 KIPS	92 KIPS	0.17
	184.425						80#	0#	4	GONDOLA	92 KIPS	88 KIPS	0.17
	184.251						80#	0#	27	GONDOLA	13 KIPS	10 KIPS	0.08
	184.077						80#	0#	50	GONDOLA	-83 KIPS	-95 KIPS	0.02
0: 6:30	183.803						80#	0#	73	GONDOLA	0 KIPS	0 KIPS	0.07
	184.544	0	28	RUN	8	1108	REL	REL	1	GM108	0 KIPS	82 KIPS	0.11
	184.531						80#	0#	2	SD40	82 KIPS	108 KIPS	0.14
	184.518						80#	0#	3	SD40	108 KIPS	136 KIPS	0.14
	184.506						80#	0#	4	GONDOLA	136 KIPS	133 KIPS	0.09
0: 6:40	184.332						80#	0#	27	GONDOLA	81 KIPS	58 KIPS	0.08
	184.158						80#	0#	50	GONDOLA	-84 KIPS	-76 KIPS	0.04
	183.984						80#	0#	73	GONDOLA	-149 KIPS	0 KIPS	0.08
	184.824	0	28	RUN	6	1118	REL	REL	1	GM108	0 KIPS	85 KIPS	0.14
	184.811						80#	0#	2	SD40	85 KIPS	114 KIPS	0.21
0: 6:50	184.598						80#	0#	3	SD40	114 KIPS	143 KIPS	0.21
	184.586						80#	0#	4	GONDOLA	143 KIPS	141 KIPS	0.18
	184.412						80#	0#	27	GONDOLA	81 KIPS	78 KIPS	0.08
	184.237						80#	0#	50	GONDOLA	64 KIPS	61 KIPS	0.08
	184.063						80#	0#	73	GONDOLA	-3 KIPS	0 KIPS	0.08
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
0: 6:50	184.700	0	27	RUN	6	1130	REL	REL	1	GM108	0 KIPS	86 KIPS	0.15
	184.687						80#	0#	2	SD40	86 KIPS	117 KIPS	0.15
	184.675						80#	0#	3	SD40	117 KIPS	148 KIPS	0.33
	184.662						80#	0#	4	GONDOLA	148 KIPS	146 KIPS	0.27
	184.488						80#	0#	27	GONDOLA	100 KIPS	97 KIPS	0.08
184.314							80#	0#	50	GONDOLA	49 KIPS	46 KIPS	0.08
	184.140						80#	0#	73	GONDOLA	121 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THLE AMPS TRN INO PIPE CYL	BRAKES SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRAWBAR FORCES FORE	AFT	
0: 7: 0	184.773	0	25 RUN 8 1143	REL	80# 0# 153:4 27:3	1	GM10B	0 KIPS	87 KIPS	0.11
	184.780				80# 0#	2	SD40	87 KIPS	120 KIPS	0.15
	184.747				80# 0#	3	SD40	120 KIPS	183 KIPS	0.27
	184.735				80# 0#	4	GONDOLA	153 KIPS	150 KIPS	0.23
	184.581				80# 0#	27	GONDOLA	104 KIPS	101 KIPS	0.09
0: 7: 10	184.387				80# 0#	50	GONDOLA	52 KIPS	50 KIPS	0.08
	184.212				80# 0#	73	GONDOLA	2 KIPS	0 KIPS	0.00
	184.841	0	24 RUN 8 1157	REL	80# 0# 157:4 15:2	1	GM10B	0 KIPS	88 KIPS	0.12
	184.828				80# 0#	2	SD40	88 KIPS	122 KIPS	0.15
	184.818				80# 0#	3	SD40	122 KIPS	157 KIPS	0.18
0: 7: 20	184.804				80# 0#	4	GONDOLA	157 KIPS	184 KIPS	0.10
	184.630				80# 0#	27	GONDOLA	105 KIPS	103 KIPS	0.10
	184.455				80# 0#	50	GONDOLA	54 KIPS	52 KIPS	0.09
	184.281				80# 0#	73	GONDOLA	2 KIPS	0 KIPS	0.08
	184.908	0	23 RUN 8 1171	REL	80# 0# 162:4 15:2	1	GM10B	0 KIPS	90 KIPS	0.12
	184.893				80# 0#	2	SD40	90 KIPS	126 KIPS	0.15
	184.881				80# 0#	3	SD40	126 KIPS	182 KIPS	0.15
	184.869				80# 0#	4	GONDOLA	182 KIPS	159 KIPS	0.11
	184.694				80# 0#	27	GONDOLA	107 KIPS	105 KIPS	0.11
	184.520				80# 0#	50	GONDOLA	56 KIPS	84 KIPS	0.08
	184.348				80# 0#	73	GONDOLA	2 KIPS	0 KIPS	0.08
-----> TRAIN ENTERING 0.00 DEGREE CURVE										
-----> TRAIN ENTERING 2.50 DEGREE CURVE										
0: 7: 30	184.967	0	21 RUN 8 1183	REL	80# 0# 168:4 24:2	1	GM10B	0 KIPS	90 KIPS	0.22
	184.954				80# 0#	2	SD40	90 KIPS	126 KIPS	0.24
	184.942				80# 0#	3	SD40	126 KIPS	188 KIPS	0.24
	184.930				80# 0#	4	GONDOLA	188 KIPS	166 KIPS	0.21
	184.755				80# 0#	27	GONDOLA	112 KIPS	108 KIPS	0.10
0: 7: 40	184.581				80# 0#	50	GONDOLA	56 KIPS	56 KIPS	0.10
	184.407				80# 0#	73	GONDOLA	2 KIPS	0 KIPS	0.09
	185.025	0	20 RUN 8 1194	REL	80# 0# 174:4 19:8	1	GM10B	0 KIPS	91 KIPS	0.08
	185.012				80# 0#	2	SD40	91 KIPS	133 KIPS	0.12
	185.000				80# 0#	3	SD40	133 KIPS	174 KIPS	0.08
0: 7: 50	184.987				80# 0#	4	GONDOLA	174 KIPS	172 KIPS	0.08
	184.813				80# 0#	27	GONDOLA	117 KIPS	114 KIPS	0.11
	184.639				80# 0#	50	GONDOLA	58 KIPS	56 KIPS	0.10
	184.465				80# 0#	73	GONDOLA	3 KIPS	0 KIPS	0.08
	185.079	0	19 RUN 8 1200	REL	80# 0# 182:4 27:2	1	GM10B	0 KIPS	91 KIPS	0.08
	185.066				80# 0#	2	SD40	91 KIPS	136 KIPS	0.27
	185.054				80# 0#	3	SD40	136 KIPS	182 KIPS	0.27
	185.042				80# 0#	4	GONDOLA	182 KIPS	181 KIPS	0.17
	184.868				80# 0#	27	GONDOLA	149 KIPS	147 KIPS	0.11
	184.693				80# 0#	50	GONDOLA	114 KIPS	112 KIPS	0.11
	184.519				80# 0#	73	GONDOLA	82 KIPS	0 KIPS	0.10

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STATION TIME	MP	SPEED LMT RUN	THLTL AMPS TRN IND PIPE CYL	BRAKES SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO						
								DRUMBAR FORCES FORE	AFT							
0: 8: 0	185.131	0	18	RUN 6	1204	REL	REL	80#	0#	187:4	18:20	1	GM10B	0 KIPS	92 KIPS	0.08
	185.118							80#	0#			2	SD40	92 KIPS	139 KIPS	0.11
	185.105							80#	0#			3	SD40	139 KIPS	187 KIPS	0.10
	185.093							80#	0#			4		187 KIPS	184 KIPS	0.09
	184.919							80#	0#				GONDOLA	184 KIPS	124 KIPS	0.13
	184.745							80#	0#			27	GONDOLA	128 KIPS	75 KIPS	0.10
	184.570							80#	0#			50	GONDOLA	77 KIPS	0 KIPS	0.10
0: 8: 10	185.179	0	17	RUN 6	1208	REL	REL	80#	0#	193:4	16:32	1	GM10B	28 KIPS	0 KIPS	0.10
	185.166							80#	0#			2	SD40	0 KIPS	92 KIPS	0.08
	185.154							80#	0#			3	SD40	92 KIPS	142 KIPS	0.11
	185.142							80#	0#				SD40	142 KIPS	193 KIPS	0.10
	184.967							80#	0#			27	GONDOLA	193 KIPS	180 KIPS	0.09
	184.793							80#	0#			4	GONDOLA	131 KIPS	128 KIPS	0.09
	184.619							80#	0#			50	GONDOLA	67 KIPS	64 KIPS	0.11
0: 8: 20	185.226	0	18	RUN 6	1211	REL	REL	80#	0#	199:4	15:34	1	GONDOLA	3 KIPS	0 KIPS	0.10
	185.213							80#	0#			2	GM10B	0 KIPS	92 KIPS	0.08
	185.200							80#	0#			3	SD40	92 KIPS	146 KIPS	0.11
	185.188							80#	0#			4	SD40	146 KIPS	199 KIPS	0.10
	185.014							80#	0#			27	GONDOLA	199 KIPS	197 KIPS	0.09
	184.839							80#	0#			50	GONDOLA	135 KIPS	133 KIPS	0.07
	184.665							80#	0#			73	GONDOLA	70 KIPS	67 KIPS	0.11
0: 8: 30	185.270	0	15	RUN 6	1214	REL	REL	80#	0#	205:4	14:40	1	GONDOLA	3 KIPS	0 KIPS	0.10
	185.256							80#	0#			2	GM10B	0 KIPS	92 KIPS	0.08
	185.244							80#	0#			3	SD40	92 KIPS	148 KIPS	0.11
	185.232							80#	0#			4	SD40	148 KIPS	205 KIPS	0.10
	185.058							80#	0#			27	GONDOLA	205 KIPS	202 KIPS	0.09
	184.883							80#	0#			50	GONDOLA	139 KIPS	138 KIPS	0.07
	184.709							80#	0#			73	GONDOLA	73 KIPS	70 KIPS	0.11
0: 8: 40	185.311	0	15	RUN 6	1217	REL	REL	80#	0#	211:4	12:48	1	GONDOLA	3 KIPS	0 KIPS	0.10
	185.298							80#	0#			2	GM10B	0 KIPS	92 KIPS	0.09
	185.286							80#	0#			3	SD40	92 KIPS	152 KIPS	0.11
	185.274							80#	0#			4	SD40	152 KIPS	211 KIPS	0.10
	185.099							80#	0#			27	GONDOLA	211 KIPS	208 KIPS	0.10
	184.925							80#	0#			50	GONDOLA	143 KIPS	140 KIPS	0.07
	184.751							80#	0#			73	GONDOLA	74 KIPS	71 KIPS	0.11
0: 8: 50	185.352	0	14	RUN 6	1219	REL	REL	80#	0#	216:4	12:2	1	GONDOLA	3 KIPS	0 KIPS	0.10
	185.338							80#	0#			2	GM10B	0 KIPS	92 KIPS	0.09
	185.326							80#	0#			3	SD40	92 KIPS	154 KIPS	0.11
	185.314							80#	0#			4	SD40	154 KIPS	216 KIPS	0.10
	185.140							80#	0#			27	GONDOLA	216 KIPS	213 KIPS	0.10
	184.965							80#	0#			50	GONDOLA	146 KIPS	143 KIPS	0.07
	184.781							80#	0#			73	GONDOLA	78 KIPS	72 KIPS	0.10

STATION TIME	MP	SPEED LMT RUN	THLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
										DRAMBAR FORCES FORE	AFT					
-----> TRAIN ENTERING 0.00 DEGREE CURVE																
0: 9: 0	185.380	0	14	RUN	6	1221	REL	80#	0#	221:4	12:2	1	GM108	0 KIPS	92 KIPS	0.10
	185.377					80#	0#	80#	0#			2	SD40	92 KIPS	157 KIPS	0.12
	185.365					80#	0#	80#	0#			3	SD40	221 KIPS	221 KIPS	0.11
	185.352					80#	0#	80#	0#			4	GONDOLA	221 KIPS	218 KIPS	0.10
	185.178					80#	0#	80#	0#			27	GONDOLA	149 KIPS	148 KIPS	0.07
	185.004					80#	0#	80#	0#			50	GONDOLA	77 KIPS	74 KIPS	0.07
	184.830					80#	0#	80#	0#			73	GONDOLA	3 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 0.00 DEGREE CURVE																
0: 9:10	185.427	0	13	RUN	6	1223	REL	80#	0#	224:4	29:3	1	GM108	0 KIPS	93 KIPS	0.14
	185.414					80#	0#	80#	0#			2	SD40	93 KIPS	158 KIPS	0.28
	185.402					80#	0#	80#	0#			3	SD40	158 KIPS	224 KIPS	0.29
	185.389					80#	0#	80#	0#			4	GONDOLA	224 KIPS	220 KIPS	0.22
	185.215					80#	0#	80#	0#			27	GONDOLA	150 KIPS	147 KIPS	0.07
	185.041					80#	0#	80#	0#			50	GONDOLA	77 KIPS	74 KIPS	0.07
	184.887					80#	0#	80#	0#			73	GONDOLA	3 KIPS	0 KIPS	0.11
-----> TRAIN ENTERING 0.00 DEGREE CURVE																
0: 9:20	185.483	0	13	RUN	6	1225	REL	80#	0#	224:4	22:4	1	GM108	0 KIPS	93 KIPS	0.00
	185.450					80#	0#	80#	0#			2	SD40	93 KIPS	158 KIPS	0.00
	185.438					80#	0#	80#	0#			3	SD40	158 KIPS	224 KIPS	0.12
	185.425					80#	0#	80#	0#			4	GONDOLA	224 KIPS	221 KIPS	0.22
	185.251					80#	0#	80#	0#			27	GONDOLA	151 KIPS	148 KIPS	0.07
	185.077					80#	0#	80#	0#			50	GONDOLA	77 KIPS	74 KIPS	0.07
	184.902					80#	0#	80#	0#			73	GONDOLA	3 KIPS	0 KIPS	0.11
-----> TRAIN ENTERING 3.00 DEGREE CURVE																
0: 9:30	185.497	0	12	RUN	6	1227	REL	80#	0#	224:4	21:1	1	GM108	0 KIPS	93 KIPS	0.21
	185.484					80#	0#	80#	0#			2	SD40	93 KIPS	158 KIPS	0.14
	185.472					80#	0#	80#	0#			3	SD40	158 KIPS	224 KIPS	0.00
	185.460					80#	0#	80#	0#			4	GONDOLA	224 KIPS	221 KIPS	0.00
	185.286					80#	0#	80#	0#			27	GONDOLA	152 KIPS	148 KIPS	0.08
	185.111					80#	0#	80#	0#			50	GONDOLA	77 KIPS	74 KIPS	0.07
	184.937					80#	0#	80#	0#			73	GONDOLA	3 KIPS	0 KIPS	0.11
-----> TRAIN ENTERING 3.00 DEGREE CURVE																
0: 9:40	185.531	0	12	RUN	6	1228	REL	80#	0#	223:4	31:2	1	GM108	0 KIPS	93 KIPS	0.21
	185.518					80#	0#	80#	0#			2	SD40	93 KIPS	158 KIPS	0.31
	185.505					80#	0#	80#	0#			3	SD40	158 KIPS	223 KIPS	0.27
	185.493					80#	0#	80#	0#			4	GONDOLA	223 KIPS	220 KIPS	0.22
	185.319					80#	0#	80#	0#			27	GONDOLA	151 KIPS	148 KIPS	0.08
	185.145					80#	0#	80#	0#			50	GONDOLA	77 KIPS	74 KIPS	0.07
	184.970					80#	0#	80#	0#			73	GONDOLA	3 KIPS	0 KIPS	0.07
-----> TRAIN ENTERING 3.00 DEGREE CURVE																
0: 9:50	185.563	0	11	RUN	6	1230	REL	80#	0#	223:4	25:7	1	GM108	0 KIPS	93 KIPS	0.12
	185.550					80#	0#	80#	0#			2	SD40	93 KIPS	158 KIPS	0.13
	185.538					80#	0#	80#	0#			3	SD40	158 KIPS	223 KIPS	0.13
	185.525					80#	0#	80#	0#			4	GONDOLA	223 KIPS	219 KIPS	0.11
	185.351					80#	0#	80#	0#			27	GONDOLA	151 KIPS	148 KIPS	0.08
	185.177					80#	0#	80#	0#			50	GONDOLA	77 KIPS	74 KIPS	0.07
	185.003					80#	0#	80#	0#			73	GONDOLA	3 KIPS	0 KIPS	0.07

STATION TIME	MP	SPEED LMT RUN	THLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
											DRABAR FORCES FORE	AFT		
0:10:0	185.594	0	11	RUN	8	1231	REL	223:4	25:10	1	GM108	0 KIPS	93 KIPS	0.12
	185.581						80#			2	SD40	93 KIPS	158 KIPS	0.13
	185.568						80#			3	SD40	158 KIPS	223 KIPS	0.13
	185.556						80#			4	GONDOLA	223 KIPS	220 KIPS	0.11
	185.542						80#			27	GONDOLA	151 KIPS	148 KIPS	0.08
0:10:10	185.528						80#			50	GONDOLA	77 KIPS	74 KIPS	0.07
	185.508						80#			73	GONDOLA	3 KIPS	0 KIPS	0.07
	185.524						80#			1	GM108	0 KIPS	93 KIPS	0.12
	185.511	0	11	RUN	8	1231	REL	223:4	24:14	2	SD40	93 KIPS	158 KIPS	0.13
	185.598						80#			3	SD40	158 KIPS	223 KIPS	0.13
0:10:20	185.586						80#			4	GONDOLA	223 KIPS	220 KIPS	0.11
	185.572						80#			27	GONDOLA	151 KIPS	148 KIPS	0.08
	185.558						80#			50	GONDOLA	77 KIPS	74 KIPS	0.07
	185.544						80#			73	GONDOLA	3 KIPS	0 KIPS	0.07
	185.530						80#			1	GM108	0 KIPS	96 KIPS	0.12
0:10:30	185.516						80#			2	SD40	96 KIPS	162 KIPS	0.13
	185.502						80#			3	SD40	162 KIPS	227 KIPS	0.13
	185.488						80#			4	GONDOLA	227 KIPS	224 KIPS	0.11
	185.474						80#			27	GONDOLA	152 KIPS	149 KIPS	0.00
	185.460						80#			73	GONDOLA	78 KIPS	75 KIPS	0.07
0:10:40	185.446						80#			50	GONDOLA	3 KIPS	0 KIPS	0.07
	185.432						80#			1	GM108	0 KIPS	96 KIPS	0.12
	185.418	0	10	RUN	8	1231	REL	231:4	22:22	2	SD40	96 KIPS	184 KIPS	0.13
	185.404						80#			3	SD40	184 KIPS	231 KIPS	0.13
	185.390						80#			4	GONDOLA	231 KIPS	230 KIPS	0.11
0:10:50	185.376						80#			27	GONDOLA	156 KIPS	153 KIPS	0.00
	185.362						80#			50	GONDOLA	81 KIPS	77 KIPS	0.07
	185.348						80#			73	GONDOLA	3 KIPS	0 KIPS	0.07
	185.334						80#			1	GM108	0 KIPS	96 KIPS	0.12
	185.320	0	9	RUN	8	1231	REL	232:4	31:3	2	SD40	96 KIPS	184 KIPS	0.15
0:11:00	185.306						80#			3	SD40	184 KIPS	232 KIPS	0.19
	185.292						80#			4	GONDOLA	232 KIPS	230 KIPS	0.11
	185.278						80#			27	GONDOLA	160 KIPS	157 KIPS	0.11
	185.264						80#			50	GONDOLA	83 KIPS	80 KIPS	0.07
	185.250						80#			73	GONDOLA	3 KIPS	0 KIPS	0.07
0:11:10	185.236						80#			1	GM108	0 KIPS	96 KIPS	0.00
	185.222						80#			2	SD40	96 KIPS	184 KIPS	0.08
	185.208						80#			3	SD40	184 KIPS	232 KIPS	0.31
	185.194						80#			4	GONDOLA	232 KIPS	230 KIPS	0.19
	185.180						80#			27	GONDOLA	166 KIPS	161 KIPS	0.09
0:11:20	185.166						80#			50	GONDOLA	86 KIPS	82 KIPS	0.07
	185.152						80#			73	GONDOLA	4 KIPS	0 KIPS	0.07
	185.138						80#			1	GM108	0 KIPS	96 KIPS	0.12
	185.124						80#			2	SD40	96 KIPS	184 KIPS	0.15
	185.110						80#			3	SD40	184 KIPS	232 KIPS	0.19

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STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
											DRAMBAR FORCES FORE	AFT					
0:11:0	185.759	0	9	RUN	8	1231	REL	REL	80#	0#	232.4	18:9	1	GM10B	0 KIPS	98 KIPS	0.00
	185.745								80#	0#			2	SD40	96 KIPS	164 KIPS	0.00
	185.733								80#	0#			3	SD40	184 KIPS	232 KIPS	0.00
	185.721								80#	0#			4	GONDOLA	232 KIPS	230 KIPS	0.00
	185.547								80#	0#			27	GONDOLA	170 KIPS	166 KIPS	0.08
	185.372								80#	0#			50	GONDOLA	88 KIPS	85 KIPS	0.07
	185.198								80#	0#			73	GONDOLA	4 KIPS	0 KIPS	0.07
0:11:10	185.784	0	9	RUN	8	1231	REL	REL	80#	0#	231.4	18:12	1	GM10B	0 KIPS	98 KIPS	0.00
	185.771								80#	0#			2	SD40	96 KIPS	163 KIPS	0.00
	185.756								80#	0#			3	SD40	183 KIPS	231 KIPS	0.00
	185.747								80#	0#			4	GONDOLA	231 KIPS	230 KIPS	0.00
	185.572								80#	0#			27	GONDOLA	175 KIPS	171 KIPS	0.08
	185.398								80#	0#			50	GONDOLA	80 KIPS	87 KIPS	0.08
	185.224								80#	0#			73	GONDOLA	4 KIPS	0 KIPS	0.07
-----> TRAIN ENTERING 3.00 DEGREE CURVE																	
0:11:20	185.810	0	9	RUN	8	1231	REL	REL	80#	0#	231.4	22:15	1	GM10B	0 KIPS	98 KIPS	0.11
	185.797								80#	0#			2	SD40	96 KIPS	163 KIPS	0.01
	185.785								80#	0#			3	SD40	183 KIPS	231 KIPS	0.00
	185.772								80#	0#			4	GONDOLA	231 KIPS	229 KIPS	0.00
	185.598								80#	0#			27	GONDOLA	180 KIPS	176 KIPS	0.08
	185.424								80#	0#			50	GONDOLA	92 KIPS	88 KIPS	0.02
	185.250								80#	0#			73	GONDOLA	4 KIPS	0 KIPS	0.07
0:11:30	185.838	0	10	RUN	8	1231	REL	REL	80#	0#	230.4	30:2	1	GM10B	0 KIPS	95 KIPS	0.21
	185.823								80#	0#			2	SD40	95 KIPS	163 KIPS	0.30
	185.811								80#	0#			3	SD40	183 KIPS	230 KIPS	0.27
	185.799								80#	0#			4	GONDOLA	230 KIPS	228 KIPS	0.10
	185.624								80#	0#			27	GONDOLA	184 KIPS	180 KIPS	0.08
	185.450								80#	0#			50	GONDOLA	93 KIPS	90 KIPS	0.00
	185.278								80#	0#			73	GONDOLA	4 KIPS	0 KIPS	0.07
0:11:40	185.863	0	10	RUN	8	1231	REL	REL	80#	0#	229.4	35:3	1	GM10B	0 KIPS	95 KIPS	0.12
	185.850								80#	0#			2	SD40	95 KIPS	162 KIPS	0.13
	185.838								80#	0#			3	SD40	182 KIPS	229 KIPS	0.35
	185.825								80#	0#			4	GONDOLA	229 KIPS	227 KIPS	0.28
	185.651								80#	0#			27	GONDOLA	185 KIPS	183 KIPS	0.08
	185.477								80#	0#			50	GONDOLA	94 KIPS	91 KIPS	0.00
	185.303								80#	0#			73	GONDOLA	4 KIPS	0 KIPS	0.07
0:11:50	185.891	0	10	RUN	8	1231	REL	REL	80#	0#	228.4	28:9	1	GM10B	0 KIPS	95 KIPS	0.12
	185.877								80#	0#			2	SD40	95 KIPS	161 KIPS	0.13
	185.865								80#	0#			3	SD40	181 KIPS	228 KIPS	0.13
	185.853								80#	0#			4	GONDOLA	228 KIPS	226 KIPS	0.11
	185.679								80#	0#			27	GONDOLA	184 KIPS	181 KIPS	0.10
	185.504								80#	0#			50	GONDOLA	97 KIPS	92 KIPS	0.08
	185.330								80#	0#			73	GONDOLA	4 KIPS	0 KIPS	0.07

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	BRAKES SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT			
0:12:0	185.919	0	10 RUN 8	1231	REL	REL	80#	0#	227:4	.25:12	1	GM108	0 KIPS	95 KIPS	0.12
	185.908						80#	0#			2	SD40	95 KIPS	161 KIPS	0.13
	185.894						80#	0#			3	SD40	161 KIPS	227 KIPS	0.13
	185.881						80#	0#			4	GONDOLA	227 KIPS	225 KIPS	0.11
	185.707						80#	0#			27	GONDOLA	181 KIPS	179 KIPS	0.15
0:12:10	185.533						80#	0#			50	GONDOLA	99 KIPS	95 KIPS	0.09
	185.359						80#	0#			73	GONDOLA	4 KIPS	0 KIPS	0.07
	185.949	0	11 RUN 6	1231	REL	REL	80#	0#	227:4	.24:15	1	GM108	0 KIPS	94 KIPS	0.12
	185.936						80#	0#			2	SD40	94 KIPS	161 KIPS	0.13
	185.923						80#	0#			3	SD40	161 KIPS	227 KIPS	0.13
0:12:20	185.911						80#	0#			4	GONDOLA	227 KIPS	225 KIPS	0.11
	185.737						80#	0#			27	GONDOLA	177 KIPS	178 KIPS	0.00
	185.563						80#	0#			50	GONDOLA	102 KIPS	97 KIPS	0.08
	185.388						80#	0#			73	GONDOLA	4 KIPS	0 KIPS	0.07
	185.980	0	12 RUN 6	1230	REL	REL	80#	0#	227:4	.23:19	1	GM108	0 KIPS	84 KIPS	0.12
0:12:30	185.967						80#	0#			2	SD40	84 KIPS	160 KIPS	0.13
	185.955						80#	0#			3	SD40	160 KIPS	227 KIPS	0.13
	185.942						80#	0#			4	GONDOLA	227 KIPS	224 KIPS	0.11
	185.768						80#	0#			27	GONDOLA	173 KIPS	171 KIPS	0.00
	185.594						80#	0#			50	GONDOLA	105 KIPS	100 KIPS	0.08
0:12:40	185.420						80#	0#			73	GONDOLA	4 KIPS	0 KIPS	0.07
	186.013	0	12 RUN 6	1227	REL	REL	80#	0#	226:4	.23:22	1	GM108	0 KIPS	94 KIPS	0.12
	186.000						80#	0#			2	SD40	94 KIPS	160 KIPS	0.13
	185.988						80#	0#			3	SD40	160 KIPS	226 KIPS	0.13
	185.875						80#	0#			4	GONDOLA	226 KIPS	223 KIPS	0.11
0:12:50	185.801						80#	0#			27	GONDOLA	169 KIPS	167 KIPS	0.02
	185.627						80#	0#			50	GONDOLA	108 KIPS	104 KIPS	0.08
	185.453						80#	0#			73	GONDOLA	4 KIPS	0 KIPS	0.00
	186.048	0	13 RUN 8	1224	REL	REL	80#	0#	225:4	.20:30	1	GM108	0 KIPS	94 KIPS	0.12
	186.036						80#	0#			2	SD40	94 KIPS	159 KIPS	0.13
0:12:50	186.023						80#	0#			3	SD40	159 KIPS	225 KIPS	0.13
	186.010						80#	0#			4	GONDOLA	225 KIPS	223 KIPS	0.11
	185.836						80#	0#			27	GONDOLA	165 KIPS	163 KIPS	0.10
	185.662						80#	0#			50	GONDOLA	108 KIPS	105 KIPS	0.09
	185.488						80#	0#			73	GONDOLA	5 KIPS	0 KIPS	0.07
0:12:50	186.085	0	14 RUN 6	1221	REL	REL	80#	0#	224:4	.20:31	1	GM108	0 KIPS	93 KIPS	0.11
	186.072						80#	0#			2	SD40	93 KIPS	159 KIPS	0.13
	186.060						80#	0#			3	SD40	159 KIPS	224 KIPS	0.12
	186.047						80#	0#			4	GONDOLA	224 KIPS	222 KIPS	0.11
	185.873						80#	0#			27	GONDOLA	162 KIPS	158 KIPS	0.09
185.699						80#	0#			50	GONDOLA	105 KIPS	102 KIPS	0.08	
185.525						80#	0#			73	GONDOLA	5 KIPS	0 KIPS	0.07	

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STATION TIME	MP	SPEED LMT RUN	THYLE AMPS TRN INO PIPE	SETTING PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRAWBAR FORCES FORE	DRAWBAR FORCES AFT	
0:13:0	186.124	0	15 RUN 6	1218 REL	80# 0#	222:4	18:38	0 KIPS	93 KIPS	0.10
	186.111				80# 0#			83 KIPS	157 KIPS	0.13
	186.088				80# 0#			157 KIPS	222 KIPS	0.12
	186.087				80# 0#			222 KIPS	219 KIPS	0.11
	185.912				80# 0#			157 KIPS	154 KIPS	0.09
	185.738				80# 0#			97 KIPS	94 KIPS	0.00
	185.584				80# 0#			5 KIPS	0 KIPS	0.07
-----> TRAIN ENTERING 0.00 DEGREE CURVE										
0:13:10	186.186	0	16 RUN 6	1215 REL	80# 0#	213:4	16:41	0 KIPS	92 KIPS	0.10
	186.153				80# 0#			92 KIPS	153 KIPS	0.13
	186.141				80# 0#			153 KIPS	213 KIPS	0.12
	186.129				80# 0#			213 KIPS	211 KIPS	0.10
	185.954				80# 0#			148 KIPS	145 KIPS	0.09
	185.780				80# 0#			88 KIPS	83 KIPS	0.00
	185.606				80# 0#			5 KIPS	0 KIPS	0.07
0:13:20	186.211	0	16 RUN 6	1211 REL	80# 0#	208:4	29:3	0 KIPS	92 KIPS	0.15
	186.197				80# 0#			92 KIPS	148 KIPS	0.24
	186.185				80# 0#			148 KIPS	208 KIPS	0.28
	186.173				80# 0#			208 KIPS	203 KIPS	0.22
	185.999				80# 0#			139 KIPS	136 KIPS	0.08
	185.824				80# 0#			74 KIPS	72 KIPS	0.08
	185.650				80# 0#			5 KIPS	0 KIPS	0.07
0:13:30	186.258	0	17 RUN 6	1207 REL	80# 0#	199:4	19:8	0 KIPS	92 KIPS	0.00
	186.244				80# 0#			92 KIPS	145 KIPS	0.00
	186.232				80# 0#			145 KIPS	199 KIPS	0.00
	186.220				80# 0#			199 KIPS	188 KIPS	0.01
	186.046				80# 0#			132 KIPS	129 KIPS	0.08
	185.871				80# 0#			65 KIPS	62 KIPS	0.08
	185.697				80# 0#			3 KIPS	0 KIPS	0.07
-----> TRAIN ENTERING 0.98 % GRADE										
0:13:40	186.307	0	18 RUN 6	1204 REL	80# 0#	192:4	18:15	0 KIPS	92 KIPS	0.00
	186.294				80# 0#			92 KIPS	142 KIPS	0.00
	186.282				80# 0#			142 KIPS	192 KIPS	0.00
	186.269				80# 0#			192 KIPS	190 KIPS	0.00
	186.095				80# 0#			129 KIPS	126 KIPS	0.08
	185.921				80# 0#			64 KIPS	61 KIPS	0.07
	185.747				80# 0#			3 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 3.00 DEGREE CURVE										
0:13:50	186.359	0	19 RUN 6	1201 REL	80# 0#	185:4	25:2	0 KIPS	90 KIPS	0.22
	186.345				80# 0#			90 KIPS	137 KIPS	0.25
	186.333				80# 0#			137 KIPS	185 KIPS	0.11
	186.321				80# 0#			185 KIPS	182 KIPS	0.08
	186.147				80# 0#			126 KIPS	123 KIPS	0.08
	185.972				80# 0#			60 KIPS	60 KIPS	0.07
	185.798				80# 0#			2 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS 1198	SETTING REL	TRN IND PIPE	BRAKES CYL	PRESSURE KIPS:CAR L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
												DRABAR FORCES FORE	AFT		
0:14:50	186.891	0	20	RUN	6	1198	REL	80# 0#	173:4	13:2	1	GM108	0 KIPS	91 KIPS	0.09
	186.877							80# 0#			2	SD40	91 KIPS	132 KIPS	0.13
	186.865							80# 0#			3	SD40	132 KIPS	173 KIPS	0.11
	186.853							80# 0#			4	GONDOLA	173 KIPS	170 KIPS	0.09
	186.478							80# 0#			27	GONDOLA	105 KIPS	102 KIPS	0.07
0:15:0	186.304							80# 0#			50	GONDOLA	42 KIPS	41 KIPS	0.00
	186.130							80# 0#			73	GONDOLA	2 KIPS	0 KIPS	0.07
	186.748	0	20	RUN	6	1198	REL	80# 0#	175:4	24:3	1	GM108	0 KIPS	91 KIPS	0.08
	186.733							80# 0#			2	SD40	91 KIPS	133 KIPS	0.23
	186.721							80# 0#			3	SD40	133 KIPS	178 KIPS	0.24
0:15:10	186.709							80# 0#			4	GONDOLA	178 KIPS	172 KIPS	0.21
	186.534							80# 0#			27	GONDOLA	110 KIPS	107 KIPS	0.07
	186.360							80# 0#			50	GONDOLA	45 KIPS	42 KIPS	0.08
	186.186							80# 0#			73	GONDOLA	2 KIPS	0 KIPS	0.07
	186.802	0	20	RUN	6	1197	REL	80# 0#	178:4	18:10	1	GM108	0 KIPS	91 KIPS	0.00
0:15:20	186.789							80# 0#			2	SD40	91 KIPS	134 KIPS	0.00
	186.777							80# 0#			3	SD40	134 KIPS	176 KIPS	0.00
	186.764							80# 0#			4	GONDOLA	176 KIPS	173 KIPS	0.00
	186.590							80# 0#			27	GONDOLA	118 KIPS	113 KIPS	0.08
	186.416							80# 0#			50	GONDOLA	53 KIPS	50 KIPS	0.07
0:15:30	186.241							80# 0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
	186.857	0	20	RUN	6	1198	REL	80# 0#	178:4	17:16	1	GM108	0 KIPS	91 KIPS	0.00
	186.844							80# 0#			2	SD40	91 KIPS	135 KIPS	0.00
	186.832							80# 0#			3	SD40	135 KIPS	178 KIPS	0.00
	186.819							80# 0#			4	GONDOLA	178 KIPS	175 KIPS	0.00
0:15:40	186.845							80# 0#			27	GONDOLA	122 KIPS	119 KIPS	0.08
	186.471							80# 0#			50	GONDOLA	61 KIPS	58 KIPS	0.07
	186.297							80# 0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
	186.911	0	19	RUN	6	1199	REL	80# 0#	181:4	17:28	1	GM108	0 KIPS	92 KIPS	0.00
	186.898							80# 0#			2	SD40	92 KIPS	136 KIPS	0.00
0:15:50	186.886							80# 0#			3	SD40	136 KIPS	181 KIPS	0.00
	186.873							80# 0#			4	GONDOLA	181 KIPS	180 KIPS	0.00
	186.699							80# 0#			27	GONDOLA	152 KIPS	151 KIPS	0.10
	186.525							80# 0#			50	GONDOLA	117 KIPS	115 KIPS	0.07
	186.351							80# 0#			73	GONDOLA	82 KIPS	0 KIPS	0.07
0:16:00	186.964	0	19	RUN	6	1200	REL	80# 0#	181:4	12:31	1	GM108	0 KIPS	92 KIPS	0.00
	186.951							80# 0#			2	SD40	92 KIPS	136 KIPS	0.00
	186.939							80# 0#			3	SD40	136 KIPS	181 KIPS	0.00
	186.927							80# 0#			4	GONDOLA	181 KIPS	178 KIPS	0.00
	186.753							80# 0#			27	GONDOLA	125 KIPS	123 KIPS	0.00
0:16:10	186.578							80# 0#			50	GONDOLA	65 KIPS	63 KIPS	0.07
	186.404							80# 0#			73	GONDOLA	4 KIPS	0 KIPS	0.07

STATION TIME	MP	SPEED LMT RUN	THYLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:15:50	187.017	0	19	RUN	8	1201	REL	REL	80#	0#	0#	0#	0.00
	187.004								80#	0#	0#	0#	0.00
	186.992								80#	0#	0#	0#	0.00
	186.980								80#	0#	0#	0#	0.00
	186.805								80#	0#	0#	0#	0.00
	186.631								80#	0#	0#	0#	0.07
	186.457								80#	0#	0#	0#	0.07
0:16:0	187.070	0	19	RUN	8	1202	REL	REL	80#	0#	0#	0#	0.00
	187.056								80#	0#	0#	0#	0.00
	187.044								80#	0#	0#	0#	0.00
	187.032								80#	0#	0#	0#	0.00
	186.858								80#	0#	0#	0#	0.00
	186.683								80#	0#	0#	0#	0.08
0:16:10	186.508	0	19	RUN	8	1202	REL	REL	80#	0#	0#	0#	0.00
	187.122								80#	0#	0#	0#	0.00
	187.108								80#	0#	0#	0#	0.00
	187.096								80#	0#	0#	0#	0.00
	187.084								80#	0#	0#	0#	0.00
	186.910								80#	0#	0#	0#	0.00
	186.735								80#	0#	0#	0#	0.07
	186.561								80#	0#	0#	0#	0.07
0:16:20	187.173	0	19	RUN	8	1202	REL	REL	80#	0#	0#	0#	0.00
	187.160								80#	0#	0#	0#	0.00
	187.148								80#	0#	0#	0#	0.00
	187.135								80#	0#	0#	0#	0.00
	186.961								80#	0#	0#	0#	0.00
	186.787								80#	0#	0#	0#	0.07
	186.613								80#	0#	0#	0#	0.07
0:16:30	187.225	0	19	RUN	8	1203	REL	REL	80#	0#	0#	0#	0.00
	187.212								80#	0#	0#	0#	0.00
	187.199								80#	0#	0#	0#	0.00
	187.187								80#	0#	0#	0#	0.00
	187.013								80#	0#	0#	0#	0.00
	186.838								80#	0#	0#	0#	0.00
	186.664								80#	0#	0#	0#	0.07
-----> TRAIN ENTERING 3.00 DEGREE CURVE													
0:16:40	187.278	0	18	RUN	8	1203	REL	REL	80#	0#	0#	0#	0.09
	187.263								80#	0#	0#	0#	0.03
	187.251								80#	0#	0#	0#	0.00
	187.238								80#	0#	0#	0#	0.00
	187.064								80#	0#	0#	0#	0.00
	186.890								80#	0#	0#	0#	0.00
	186.716								80#	0#	0#	0#	0.07

QCM E-D-70/0/ GM10B ELECTRIC ONLY.

STATION TIME	MP	SPEED LMT RUN	THLTL AMPS TRN IND PIPE CYL	SETTING PRESSURE REL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
0:15:50	187.327	0	18 RUN 6	1203 REL	REL	183:4 .29:3	1	GM10B	0 KIPS	91 KIPS	0.22
	187.314						2	SD40	91 KIPS	137 KIPS	0.26
	187.302						3	SD40	137 KIPS	183 KIPS	0.28
	187.290						4	GONDOLA	183 KIPS	181 KIPS	0.23
	187.115						27	GONDOLA	123 KIPS	121 KIPS	0.00
0:17:0	186.941						50	GONDOLA	63 KIPS	60 KIPS	0.00
	186.767						73	GONDOLA	3 KIPS	0 KIPS	0.00
	187.378	0	18 RUN 6	1203 REL	REL	183:4 .21:8	1	GM10B	0 KIPS	91 KIPS	0.08
	187.365						2	SD40	91 KIPS	137 KIPS	0.13
	187.353						3	SD40	137 KIPS	183 KIPS	0.11
0:17:10	187.341						4	GONDOLA	183 KIPS	180 KIPS	0.09
	187.168						27	GONDOLA	122 KIPS	119 KIPS	0.00
	186.992						50	GONDOLA	62 KIPS	60 KIPS	0.00
	186.818						73	GONDOLA	3 KIPS	0 KIPS	0.00
	187.428	0	18 RUN 6	1203 REL	REL	185:4 .26:3	1	GM10B	0 KIPS	92 KIPS	0.15
0:17:20	187.416						2	SD40	92 KIPS	138 KIPS	0.23
	187.404						3	SD40	138 KIPS	185 KIPS	0.26
	187.392						4	GONDOLA	185 KIPS	182 KIPS	0.21
	187.217						27	GONDOLA	121 KIPS	118 KIPS	0.00
	187.043						50	GONDOLA	62 KIPS	59 KIPS	0.00
0:17:30	186.869						73	GONDOLA	3 KIPS	0 KIPS	0.00
	187.480	0	18 RUN 6	1204 REL	REL	187:4 .20:5	1	GM10B	0 KIPS	93 KIPS	0.00
	187.467						2	SD40	93 KIPS	140 KIPS	0.00
	187.455						3	SD40	140 KIPS	187 KIPS	0.03
	187.442						4	GONDOLA	187 KIPS	184 KIPS	0.10
0:17:40	187.288						27	GONDOLA	122 KIPS	119 KIPS	0.07
	187.084						50	GONDOLA	62 KIPS	60 KIPS	0.00
	186.920						73	GONDOLA	3 KIPS	0 KIPS	0.00
	187.531	0	18 RUN 6	1204 REL	REL	195:4 .31:3	1	GM10B	0 KIPS	95 KIPS	0.23
	187.518						2	SD40	95 KIPS	145 KIPS	0.28
0:17:50	187.506						3	SD40	145 KIPS	195 KIPS	0.31
	187.493						4	GONDOLA	195 KIPS	193 KIPS	0.24
	187.318						27	GONDOLA	131 KIPS	128 KIPS	0.12
	187.145						50	GONDOLA	66 KIPS	63 KIPS	0.00
	186.970						73	GONDOLA	3 KIPS	0 KIPS	0.00
0:18:00	187.582	0	18 RUN 6	1203 REL	REL	191:4 .18:19	1	GM10B	0 KIPS	92 KIPS	0.15
	187.569						2	SD40	92 KIPS	141 KIPS	0.16
	187.556						3	SD40	141 KIPS	191 KIPS	0.18
	187.544						4	GONDOLA	191 KIPS	190 KIPS	0.14
	187.370						27	GONDOLA	134 KIPS	131 KIPS	0.08
0:18:10	187.195						50	GONDOLA	66 KIPS	63 KIPS	0.00
	187.021						73	GONDOLA	3 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:17:50	187.833	0	18	RUN	6	1203	REL	REL	1	GM108	0 KIPS	92 KIPS	0.15
	187.820								2	SD40	92 KIPS	139 KIPS	0.16
	187.807								3	SD40	139 KIPS	186 KIPS	0.16
	187.595								4	GONDOLA	186 KIPS	183 KIPS	0.13
	187.421								27	GONDOLA	136 KIPS	133 KIPS	0.17
0:18:0	187.247								50	GONDOLA	67 KIPS	64 KIPS	0.00
	187.072								73	GONDOLA	3 KIPS	0 KIPS	0.00
	187.684	0	19	RUN	6	1203	REL	REL	1	GM108	0 KIPS	92 KIPS	0.15
	187.671								2	SD40	92 KIPS	138 KIPS	0.16
	187.659								3	SD40	138 KIPS	185 KIPS	0.16
0:18:10	187.648								27	GONDOLA	185 KIPS	183 KIPS	0.13
	187.472								4	GONDOLA	137 KIPS	134 KIPS	0.00
	187.298								50	GONDOLA	69 KIPS	66 KIPS	0.09
	187.124								73	GONDOLA	3 KIPS	0 KIPS	0.00
	187.738	0	19	RUN	6	1202	REL	REL	1	GM108	0 KIPS	92 KIPS	0.15
0:18:20	187.723								2	SD40	92 KIPS	138 KIPS	0.16
	187.710								3	SD40	138 KIPS	184 KIPS	0.16
	187.698								4	GONDOLA	184 KIPS	182 KIPS	0.13
	187.524								27	GONDOLA	137 KIPS	134 KIPS	0.07
	187.350								50	GONDOLA	71 KIPS	68 KIPS	0.13
0:18:30	187.175								73	GONDOLA	3 KIPS	0 KIPS	0.00
	187.788	0	19	RUN	6	1201	REL	REL	1	GM108	0 KIPS	92 KIPS	0.15
	187.775								2	SD40	92 KIPS	137 KIPS	0.16
	187.763								3	SD40	137 KIPS	183 KIPS	0.16
	187.750								4	GONDOLA	183 KIPS	181 KIPS	0.13
0:18:40	187.578								27	GONDOLA	127 KIPS	124 KIPS	0.12
	187.402								50	GONDOLA	74 KIPS	71 KIPS	0.08
	187.228								73	GONDOLA	3 KIPS	0 KIPS	0.00
	187.841	0	19	RUN	6	1201	REL	REL	1	GM108	0 KIPS	92 KIPS	0.04
	187.828								2	SD40	92 KIPS	138 KIPS	0.16
0:18:50	187.815								3	SD40	138 KIPS	183 KIPS	0.23
	187.803								4	GONDOLA	183 KIPS	181 KIPS	0.14
	187.629								27	GONDOLA	126 KIPS	123 KIPS	0.12
	187.455								50	GONDOLA	75 KIPS	72 KIPS	0.00
	187.280								73	GONDOLA	3 KIPS	0 KIPS	0.07
0:19:00	187.894	0	19	RUN	6	1200	REL	REL	1	GM108	0 KIPS	92 KIPS	0.00
	187.881								2	SD40	92 KIPS	137 KIPS	0.00
	187.869								3	SD40	137 KIPS	183 KIPS	0.00
	187.856								4	GONDOLA	183 KIPS	180 KIPS	0.00
	187.682								27	GONDOLA	128 KIPS	123 KIPS	0.12
187.508									50	GONDOLA	75 KIPS	72 KIPS	0.12
	187.334								73	GONDOLA	3 KIPS	0 KIPS	0.07

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PAGE NO 25

STATION TIME	MP	SPEED LMT RUN	THTLT TRN	AMPS IND	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
					SETTING PIPE	PRESSURE CYL				DRAWBAR FORCES FORE	AFT			
0:18:50	187.948	0	20	RUN	6	1198	REL REL	181:4	15:17	1	GM10B	0 KIPS	92 KIPS	0.00
	187.935						80# 0#			2	SD40	92 KIPS	136 KIPS	0.00
	187.923						80# 0#			3	SD40	136 KIPS	181 KIPS	0.00
	187.910						80# 0#			4	GONDOLA	181 KIPS	178 KIPS	0.00
	187.736						80# 0#			27	GONDOLA	125 KIPS	122 KIPS	0.12
	187.562						80# 0#			50	GONDOLA	65 KIPS	64 KIPS	0.11
	187.388						80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.07
-----> TRAIN ENTERING 4.00 DEGREE CURVE														
0:19:0	188.003	0	20	RUN	6	1197	REL REL	178:4	15:2	1	GM10B	0 KIPS	92 KIPS	0.15
	187.990						80# 0#			2	SD40	92 KIPS	135 KIPS	0.15
	187.978						80# 0#			3	SD40	135 KIPS	178 KIPS	0.09
	187.965						80# 0#			4	GONDOLA	178 KIPS	178 KIPS	0.00
	187.791						80# 0#			27	GONDOLA	124 KIPS	121 KIPS	0.12
	187.617						80# 0#			50	GONDOLA	61 KIPS	59 KIPS	0.11
	187.443						80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.07
-----> TRAIN ENTERING 0.85 % GRADE														
0:19:10	188.058	0	20	RUN	6	0	REL REL	174:4	28:2	1	GM10B	0 KIPS	91 KIPS	0.22
	188.048						80# 0#			2	SD40	91 KIPS	132 KIPS	0.28
	188.034						80# 0#			3	SD40	132 KIPS	174 KIPS	0.15
	188.022						80# 0#			4	GONDOLA	174 KIPS	172 KIPS	0.15
	187.847						80# 0#			27	GONDOLA	121 KIPS	119 KIPS	0.00
	187.673						80# 0#			50	GONDOLA	59 KIPS	58 KIPS	0.11
	187.499						80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.10
0:19:11	188.065	0	20	RUN	6	490	REL REL	127:4	15:3	1	GM10B	0 KIPS	73 KIPS	0.13
	188.052						80# 0#			2	SD40	73 KIPS	85 KIPS	0.14
	188.040						80# 0#			3	SD40	85 KIPS	127 KIPS	0.15
	188.027						80# 0#			4	GONDOLA	127 KIPS	125 KIPS	0.11
	187.853						80# 0#			27	GONDOLA	88 KIPS	88 KIPS	0.00
	187.679						80# 0#			50	GONDOLA	58 KIPS	57 KIPS	0.11
	187.505						80# 0#			73	GONDOLA	0 KIPS	0 KIPS	0.10
0:19:12	188.071	0	20	RUN	6	650	REL REL	123:4	15:3	1	GM10B	0 KIPS	39 KIPS	0.13
	188.058						80# 0#			2	SD40	39 KIPS	81 KIPS	0.15
	188.045						80# 0#			3	SD40	81 KIPS	123 KIPS	0.15
	188.033						80# 0#			4	GONDOLA	123 KIPS	121 KIPS	0.11
	187.859						80# 0#			27	GONDOLA	88 KIPS	84 KIPS	0.00
	187.684						80# 0#			50	GONDOLA	44 KIPS	42 KIPS	0.11
	187.510						80# 0#			73	GONDOLA	0 KIPS	0 KIPS	0.10
0:19:13	188.078	0	20	RUN	6	772	REL REL	137:4	20:11	1	GM10B	0 KIPS	54 KIPS	0.13
	188.063						80# 0#			2	SD40	54 KIPS	95 KIPS	0.15
	188.051						80# 0#			3	SD40	95 KIPS	137 KIPS	0.15
	188.039						80# 0#			4	GONDOLA	137 KIPS	134 KIPS	0.11
	187.864						80# 0#			27	GONDOLA	83 KIPS	82 KIPS	0.00
	187.690						80# 0#			50	GONDOLA	49 KIPS	47 KIPS	0.11
	187.516						80# 0#			73	GONDOLA	18 KIPS	0 KIPS	0.10

STATION TIME	MP	SPEED LMT RUN	THTLT AMPS TRN IND PIPE CYL	SETTING REL REL	BRAKES REL REL	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:19:20	188.116	0	20	RUN 6	1194	REL	REL	80#	0#	171:4	21:14	
	188.103							80#	0#			
	188.080							80#	0#			
	188.078							80#	0#			
	187.904							80#	0#			
0:19:30	187.729							80#	0#			
	187.555							80#	0#			
	188.172	0	21	RUN 6	1192	REL	REL	80#	0#	171:4	21:17	
	188.159							80#	0#			
	188.147							80#	0#			
0:19:40	188.135							80#	0#			
	187.960							80#	0#			
	187.786							80#	0#			
	187.612							80#	0#			
	188.230	0	21	RUN 6	1191	REL	REL	80#	0#	170:4	15:2	
0:19:50	188.216							80#	0#			
	188.204							80#	0#			
	188.192							80#	0#			
	188.018							80#	0#			
	187.843							80#	0#			
0:20:00	187.669							80#	0#			
	188.287	0	21	RUN 6	1189	REL	REL	80#	0#	171:4	23:3	
	188.274							80#	0#			
	188.262							80#	0#			
	188.250							80#	0#			
0:20:10	188.075							80#	0#			
	187.901							80#	0#			
	187.727							80#	0#			
	188.345	0	21	RUN 6	1188	REL	REL	80#	0#	170:4	13:9	
	188.332							80#	0#			
0:20:20	188.320							80#	0#			
	188.308							80#	0#			
	188.133							80#	0#			
	187.959							80#	0#			
	187.785							80#	0#			
0:20:30	188.404	0	21	RUN 6	1187	REL	REL	80#	0#	170:4	15:20	
	188.390							80#	0#			
	188.378							80#	0#			
	188.365							80#	0#			
	188.192							80#	0#			
0:20:40	188.017							80#	0#			
	187.843							80#	0#			
	187.669							80#	0#			

-----> TRAIN ENTERING 0.00 DEGREE CURVE

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STATION TIME	MP	SPEED LMT RUN	THYLE AMPS TRN IND PIPE	SETTING CYL	PRESSURE REL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRABBAR FORCES FORE	DRABBAR FORCES AFT	
0:20:20	188.482	0	21	RUN	8	1187	REL	1	GM10B	0 KIPS	90 KIPS	0.00
	188.448							2	SD40	90 KIPS	130 KIPS	0.00
	188.437							3	SD40	130 KIPS	170 KIPS	0.00
	188.424							4	GONDOLA	170 KIPS	187 KIPS	0.00
	188.280							27	GONDOLA	115 KIPS	113 KIPS	0.11
0:20:30	188.078							50	GONDOLA	53 KIPS	50 KIPS	0.10
	187.802							73	GONDOLA	2 KIPS	0 KIPS	0.00
	188.521	0	21	RUN	8	1187	REL	1	GM10B	0 KIPS	91 KIPS	0.00
	188.507							2	SD40	91 KIPS	130 KIPS	0.00
	188.495							3	SD40	130 KIPS	170 KIPS	0.00
0:20:40	188.483							4	GONDOLA	170 KIPS	188 KIPS	0.00
	188.309							27	GONDOLA	117 KIPS	114 KIPS	0.00
	188.134							50	GONDOLA	59 KIPS	58 KIPS	0.10
	187.860							73	GONDOLA	2 KIPS	0 KIPS	0.00
	-----> TRAIN ENTERING 4.00 DEGREE CURVE											
0:20:50	188.579	0	21	RUN	8	1187	REL	1	GM10B	0 KIPS	91 KIPS	0.22
	188.568							2	SD40	91 KIPS	130 KIPS	0.27
	188.554							3	SD40	130 KIPS	170 KIPS	0.29
	188.541							4	GONDOLA	170 KIPS	188 KIPS	0.24
	188.367							27	GONDOLA	117 KIPS	115 KIPS	0.00
0:21:00	188.193							50	GONDOLA	62 KIPS	60 KIPS	0.10
	188.019							73	GONDOLA	2 KIPS	0 KIPS	0.10
	188.637	0	21	RUN	8	1188	REL	1	GM10B	0 KIPS	90 KIPS	0.13
	188.624							2	SD40	90 KIPS	130 KIPS	0.15
	188.612							3	SD40	130 KIPS	189 KIPS	0.15
0:21:10	188.600							4	GONDOLA	189 KIPS	188 KIPS	0.11
	188.425							27	GONDOLA	116 KIPS	114 KIPS	0.00
	188.251							50	GONDOLA	63 KIPS	61 KIPS	0.10
	188.077							73	GONDOLA	3 KIPS	0 KIPS	0.10
	-----> TRAIN ENTERING 0.71 % GRADE											
0:21:20	188.695	0	21	RUN	8	1189	REL	1	GM10B	0 KIPS	91 KIPS	0.13
	188.682							2	SD40	91 KIPS	131 KIPS	0.15
	188.670							3	SD40	131 KIPS	171 KIPS	0.15
	188.658							4	GONDOLA	171 KIPS	188 KIPS	0.11
	188.483							27	GONDOLA	114 KIPS	111 KIPS	0.00
0:21:30	188.309							50	GONDOLA	62 KIPS	60 KIPS	0.00
	188.135							73	GONDOLA	3 KIPS	0 KIPS	0.00
	188.753	0	21	RUN	8	1189	REL	1	GM10B	0 KIPS	91 KIPS	0.10
	188.740							2	SD40	91 KIPS	131 KIPS	0.13
	188.728							3	SD40	131 KIPS	171 KIPS	0.15
0:21:40	188.715							4	GONDOLA	171 KIPS	189 KIPS	0.11
	188.541							27	GONDOLA	112 KIPS	110 KIPS	0.11
	188.367							50	GONDOLA	80 KIPS	57 KIPS	0.15
	188.193							73	GONDOLA	3 KIPS	0 KIPS	0.00
												0.10

STATION TIME	MP	SPEED LMT RUN	THLE AMPS TRN INO PIPE CYL	BRAKES SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRABAR FORCES FORE	AFT	
0:21:20	188.811	0	21 RUN 8 1189 REL	80# 0#	171:4 .15:3	1	GM108	0 KIPS	91 KIPS	0.13
	188.798			80# 0#		2	SD40	91 KIPS	131 KIPS	0.15
	188.786			80# 0#		3	SD40	131 KIPS	171 KIPS	0.15
	188.773			80# 0#		4	GONDOLA	171 KIPS	189 KIPS	0.11
	188.599			80# 0#		27	GONDOLA	114 KIPS	111 KIPS	0.11
0:21:30	188.425			80# 0#		50	GONDOLA	58 KIPS	55 KIPS	0.00
	188.251			80# 0#		73	GONDOLA	3 KIPS	0 KIPS	0.10
	188.809	0	21 RUN 8 1189 REL	80# 0#	171:4 .15:3	1	GM108	0 KIPS	91 KIPS	0.13
	188.856			80# 0#		2	SD40	91 KIPS	131 KIPS	0.15
	188.843			80# 0#		3	SD40	131 KIPS	171 KIPS	0.15
0:21:40	188.831			80# 0#		4	GONDOLA	171 KIPS	189 KIPS	0.11
	188.657			80# 0#		27	GONDOLA	117 KIPS	114 KIPS	0.11
	188.483			80# 0#		50	GONDOLA	58 KIPS	54 KIPS	0.00
	188.308			80# 0#		73	GONDOLA	2 KIPS	0 KIPS	0.00
	188.928	0	21 RUN 8 1190 REL	80# 0#	171:4 .15:3	1	GM108	0 KIPS	91 KIPS	0.13
0:21:50	188.913			80# 0#		2	SD40	91 KIPS	131 KIPS	0.15
	188.901			80# 0#		3	SD40	131 KIPS	171 KIPS	0.15
	188.889			80# 0#		4	GONDOLA	171 KIPS	189 KIPS	0.11
	188.714			80# 0#		27	GONDOLA	117 KIPS	114 KIPS	0.11
	188.540			80# 0#		50	GONDOLA	57 KIPS	54 KIPS	0.10
0:22:00	188.366			80# 0#		73	GONDOLA	2 KIPS	0 KIPS	0.00
	188.884	0	21 RUN 8 1190 REL	80# 0#	172:4 .15:3	1	GM108	0 KIPS	91 KIPS	0.13
	188.871			80# 0#		2	SD40	91 KIPS	131 KIPS	0.15
	188.959			80# 0#		3	SD40	131 KIPS	172 KIPS	0.15
	188.946			80# 0#		4	GONDOLA	172 KIPS	189 KIPS	0.11
0:22:10	188.772			80# 0#		27	GONDOLA	117 KIPS	115 KIPS	0.11
	188.598			80# 0#		50	GONDOLA	60 KIPS	57 KIPS	0.10
	188.424			80# 0#		73	GONDOLA	2 KIPS	0 KIPS	0.00
	188.042	0	21 RUN 8 1190 REL	80# 0#	173:4 .25:3	1	GM108	0 KIPS	91 KIPS	0.01
	189.028			80# 0#		2	SD40	91 KIPS	132 KIPS	0.15
0:22:20	189.016			80# 0#		3	SD40	132 KIPS	173 KIPS	0.25
	189.004			80# 0#		4	GONDOLA	173 KIPS	171 KIPS	0.18
	188.830			80# 0#		27	GONDOLA	119 KIPS	117 KIPS	0.11
	188.656			80# 0#		50	GONDOLA	84 KIPS	81 KIPS	0.10
	188.481			80# 0#		73	GONDOLA	2 KIPS	0 KIPS	0.00
0:22:30	189.100	0	21 RUN 8 1189 REL	80# 0#	173:4 .14:11	1	GM108	0 KIPS	91 KIPS	0.00
	189.086			80# 0#		2	SD40	91 KIPS	132 KIPS	0.00
	189.074			80# 0#		3	SD40	132 KIPS	173 KIPS	0.00
	189.062			80# 0#		4	GONDOLA	173 KIPS	171 KIPS	0.00
	188.888			80# 0#		27	GONDOLA	121 KIPS	119 KIPS	0.11
0:22:40	188.713			80# 0#		50	GONDOLA	85 KIPS	82 KIPS	0.10
	188.538			80# 0#		73	GONDOLA	3 KIPS	0 KIPS	0.10

-----> TRAIN ENTERING 4.00 DEGREE CURVE

QCM E-D-70/O/ GM108 ELECTRIC ONLY.

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STATION TIME	MP	SPEED LMT RUN	THYLE AMP	SETTING TRN INO PIPE CYL	PRESSURE REL	BRAKES	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRANBAR FORCES		L/V RATIO	
										FORE	AFT		
0:22:20	189.157	0	21	RUN	8	1189	REL	REL	80#	0#	0 KIPS	91 KIPS	0.15
	189.144								80#	0#	0 KIPS	132 KIPS	0.15
	189.132								80#	0#	132 KIPS	173 KIPS	0.08
	189.120								80#	0#	173 KIPS	171 KIPS	0.11
	188.945								80#	0#	121 KIPS	119 KIPS	0.10
0:22:30	188.771								80#	0#	65 KIPS	62 KIPS	0.10
	188.597								80#	0#	3 KIPS	0 KIPS	0.10
	189.218	0	21	RUN	8	1188	REL	REL	80#	0#	0 KIPS	90 KIPS	0.23
	189.202								80#	0#	0 KIPS	130 KIPS	0.27
	189.190								80#	0#	90 KIPS	171 KIPS	0.17
0:22:40	189.178								80#	0#	130 KIPS	169 KIPS	0.16
	189.004								80#	0#	171 KIPS	118 KIPS	0.11
	188.829								80#	0#	121 KIPS	61 KIPS	0.10
	188.655								80#	0#	63 KIPS	0 KIPS	0.12
	189.274	0	21	RUN	8	1186	REL	REL	80#	0#	3 KIPS	90 KIPS	0.15
0:22:50	189.261								80#	0#	0 KIPS	130 KIPS	0.15
	189.249								80#	0#	90 KIPS	169 KIPS	0.11
	189.236								80#	0#	130 KIPS	116 KIPS	0.00
	189.062								80#	0#	169 KIPS	58 KIPS	0.10
	188.888								80#	0#	61 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 1.07 % GRADE													
0:23:0	189.714								80#	0#	3 KIPS	90 KIPS	0.12
	189.333	0	21	RUN	8	1185	REL	REL	80#	0#	0 KIPS	129 KIPS	0.15
	189.320								80#	0#	90 KIPS	188 KIPS	0.11
	189.308								80#	0#	129 KIPS	112 KIPS	0.00
	189.295								80#	0#	188 KIPS	58 KIPS	0.10
0:23:10	189.121								80#	0#	114 KIPS	0 KIPS	0.10
	188.947								80#	0#	81 KIPS	89 KIPS	0.12
	188.772								80#	0#	114 KIPS	127 KIPS	0.15
	189.392	0	21	RUN	8	1185	REL	REL	80#	0#	185 KIPS	181 KIPS	0.11
	189.379								80#	0#	106 KIPS	104 KIPS	0.12
0:23:20	189.366								80#	0#	58 KIPS	56 KIPS	0.10
	189.354								80#	0#	2 KIPS	0 KIPS	0.09
	189.180								80#	0#	0 KIPS	89 KIPS	0.12
	189.008								80#	0#	127 KIPS	165 KIPS	0.15
	188.831								80#	0#	185 KIPS	181 KIPS	0.11
0:23:30	189.451	0	21	RUN	8	1186	REL	REL	80#	0#	106 KIPS	104 KIPS	0.12
	189.438								80#	0#	58 KIPS	56 KIPS	0.10
	189.425								80#	0#	2 KIPS	0 KIPS	0.09
	189.413								80#	0#	0 KIPS	89 KIPS	0.12
	189.239								80#	0#	127 KIPS	127 KIPS	0.15
0:23:40	189.064								80#	0#	166 KIPS	162 KIPS	0.15
	188.890								80#	0#	101 KIPS	99 KIPS	0.10
									80#	0#	84 KIPS	52 KIPS	0.00
									80#	0#	2 KIPS	0 KIPS	0.10
									80#	0#	2 KIPS	0 KIPS	0.10

STATION TIME	MP	SPEED LMT RUN	THLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO			
										DRABAR FORCES FORE	FORCES AFT				
0:23:20	189.509	0	21	RUN	8	1187	REL REL	80# 0#	167:4	15:2	1	GM108	0 KIPS	89 KIPS	0.12
	189.496							80# 0#			2	SD40	89 KIPS	128 KIPS	0.15
	189.484							80# 0#			3	SD40	128 KIPS	187 KIPS	0.11
	189.471							80# 0#			4	GONDOLA	187 KIPS	184 KIPS	0.11
	189.297							80# 0#			27	GONDOLA	97 KIPS	95 KIPS	0.10
	189.123							80# 0#			50	GONDOLA	49 KIPS	47 KIPS	0.00
	188.949							80# 0#			73	GONDOLA	2 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 0.00 DEGREE CURVE															
0:23:30	189.567	0	21	RUN	8	1189	REL REL	80# 0#	170:4	26:3	1	GM108	0 KIPS	90 KIPS	0.12
	189.554							80# 0#			2	SD40	90 KIPS	130 KIPS	0.15
	189.542							80# 0#			3	SD40	130 KIPS	170 KIPS	0.26
	189.528							80# 0#			4	GONDOLA	170 KIPS	167 KIPS	0.21
	189.355							80# 0#			27	GONDOLA	101 KIPS	98 KIPS	0.10
	189.181							80# 0#			50	GONDOLA	44 KIPS	42 KIPS	0.10
	189.007							80# 0#			73	GONDOLA	2 KIPS	0 KIPS	0.10
0:23:40	189.625	0	20	RUN	8	1192	REL REL	80# 0#	172:4	13:7	1	GM108	0 KIPS	91 KIPS	0.00
	189.611							80# 0#			2	SD40	91 KIPS	131 KIPS	0.00
	189.598							80# 0#			3	SD40	131 KIPS	172 KIPS	0.00
	189.587							80# 0#			4	GONDOLA	172 KIPS	169 KIPS	0.03
	189.413							80# 0#			27	GONDOLA	107 KIPS	108 KIPS	0.10
	189.238							80# 0#			50	GONDOLA	44 KIPS	42 KIPS	0.10
	189.064							80# 0#			73	GONDOLA	2 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 4.00 DEGREE CURVE															
0:23:50	189.681	0	20	RUN	8	1195	REL REL	80# 0#	173:4	28:3	1	GM108	0 KIPS	91 KIPS	0.23
	189.668							80# 0#			2	SD40	91 KIPS	132 KIPS	0.28
	189.656							80# 0#			3	SD40	132 KIPS	173 KIPS	0.28
	189.643							80# 0#			4	GONDOLA	173 KIPS	170 KIPS	0.23
	189.488							80# 0#			27	GONDOLA	113 KIPS	110 KIPS	0.10
	189.295							80# 0#			50	GONDOLA	48 KIPS	45 KIPS	0.10
	189.120							80# 0#			73	GONDOLA	2 KIPS	0 KIPS	0.00
0:24: 0	189.736	0	20	RUN	8	1198	REL REL	80# 0#	175:4	25:3	1	GM108	0 KIPS	91 KIPS	0.12
	189.723							80# 0#			2	SD40	91 KIPS	133 KIPS	0.15
	189.711							80# 0#			3	SD40	133 KIPS	175 KIPS	0.25
	189.698							80# 0#			4	GONDOLA	175 KIPS	173 KIPS	0.21
	189.524							80# 0#			27	GONDOLA	118 KIPS	115 KIPS	0.11
	189.350							80# 0#			50	GONDOLA	54 KIPS	51 KIPS	0.10
	189.178							80# 0#			73	GONDOLA	2 KIPS	0 KIPS	0.09
0:24:10	189.790	0	19	RUN	8	1200	REL REL	80# 0#	180:4	23:11	1	GM108	0 KIPS	98 KIPS	0.13
	189.777							80# 0#			2	SD40	98 KIPS	135 KIPS	0.15
	189.765							80# 0#			3	SD40	135 KIPS	180 KIPS	0.15
	189.753							80# 0#			4	GONDOLA	180 KIPS	178 KIPS	0.11
	189.578							80# 0#			27	GONDOLA	147 KIPS	145 KIPS	0.10
	189.404							80# 0#			50	GONDOLA	110 KIPS	108 KIPS	0.10
	189.230							80# 0#			73	GONDOLA	81 KIPS	0 KIPS	0.10

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STATION TIME	MP	SPEED LMT RUN	THLE AMPS TRN IND PIPE CYL	SETTING PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:24:20	189.843	0	19 RUN 6	1202 REL	REL	1	GM108	0 KIPS	91 KIPS	0.13
	189.830					2	SD40	91 KIPS	137 KIPS	0.15
	189.817					3	SD40	137 KIPS	182 KIPS	0.15
	189.805					4	GONDOLA	182 KIPS	179 KIPS	0.11
	189.831					27	GONDOLA	121 KIPS	119 KIPS	0.00
0:24:30	189.857					50	GONDOLA	65 KIPS	82 KIPS	0.10
	189.457					73	GONDOLA	3 KIPS	0 KIPS	0.10
	189.282					1	GM108	0 KIPS	91 KIPS	0.13
	189.894	0	18 RUN 6	1204 REL	REL	2	SD40	91 KIPS	138 KIPS	0.15
	189.881					3	SD40	138 KIPS	185 KIPS	0.15
0:24:40	189.869					4	GONDOLA	185 KIPS	183 KIPS	0.11
	189.856					27	GONDOLA	122 KIPS	120 KIPS	0.15
	189.882					50	GONDOLA	88 KIPS	83 KIPS	0.10
	189.508					73	GONDOLA	3 KIPS	0 KIPS	0.10
	189.333									
-----> TRAIN ENTERING 0.00 DEGREE CURVE										
0:24:50	189.944	0	18 RUN 6	1206 REL	REL	1	GM108	0 KIPS	92 KIPS	0.13
	189.931					2	SD40	92 KIPS	140 KIPS	0.15
	189.918					3	SD40	140 KIPS	188 KIPS	0.15
	189.906					4	GONDOLA	188 KIPS	186 KIPS	0.12
	189.732					27	GONDOLA	124 KIPS	122 KIPS	0.11
0:24:50	189.558					50	GONDOLA	88 KIPS	83 KIPS	0.11
	189.383					73	GONDOLA	3 KIPS	0 KIPS	0.10
	189.992	0	17 RUN 6	1207 REL	REL	1	GM108	0 KIPS	92 KIPS	0.04
	189.979					2	SD40	92 KIPS	142 KIPS	0.15
	189.967					3	SD40	142 KIPS	193 KIPS	0.24
0:25:00	189.955					4	GONDOLA	193 KIPS	190 KIPS	0.15
	189.780					27	GONDOLA	128 KIPS	125 KIPS	0.11
	189.806					50	GONDOLA	88 KIPS	83 KIPS	0.00
	189.432					73	GONDOLA	3 KIPS	0 KIPS	0.10
	190.040	0	17 RUN 6	1208 REL	REL	1	GM108	0 KIPS	92 KIPS	0.23
0:25:10	190.027					2	SD40	92 KIPS	143 KIPS	0.27
	190.014					3	SD40	143 KIPS	194 KIPS	0.20
	190.002					4	GONDOLA	194 KIPS	191 KIPS	0.14
	189.828					27	GONDOLA	130 KIPS	127 KIPS	0.11
	189.654					50	GONDOLA	64 KIPS	62 KIPS	0.11
0:25:10	189.479					73	GONDOLA	3 KIPS	0 KIPS	0.10
	190.087	0	17 RUN 6	1210 REL	REL	1	GM108	0 KIPS	92 KIPS	0.12
	190.073					2	SD40	92 KIPS	144 KIPS	0.15
	190.061					3	SD40	144 KIPS	196 KIPS	0.29
	190.049					4	GONDOLA	196 KIPS	193 KIPS	0.24
0:25:10	189.875					27	GONDOLA	132 KIPS	129 KIPS	0.11
	189.700					50	GONDOLA	84 KIPS	81 KIPS	0.10
	189.528					73	GONDOLA	3 KIPS	0 KIPS	0.10

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	PRESSURE IND PIPE	BRAKES CYL	SETTING REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
											DRAMBAR FORCE	FORCES AFT			
0:25:20	190.132	0	15	RUN	8	1211	REL	80# 0#	198:4	25:9	1	GM108	0 KIPS	92 KIPS	0.13
	190.116							80# 0#			2	SD40	92 KIPS	145 KIPS	0.15
	190.107							80# 0#			3	SD40	145 KIPS	188 KIPS	0.15
	190.095							80# 0#			4	GONDOLA	198 KIPS	185 KIPS	0.11
	189.920							80# 0#			27	GONDOLA	134 KIPS	131 KIPS	0.11
	189.746							80# 0#			50	GONDOLA	86 KIPS	83 KIPS	0.10
	189.572							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 0.00 DEGREE CURVE															
0:25:30	190.177	0	15	RUN	8	1212	REL	80# 0#	202:4	31:3	1	GM108	0 KIPS	92 KIPS	0.12
	190.164							80# 0#			2	SD40	92 KIPS	147 KIPS	0.15
	190.152							80# 0#			3	SD40	147 KIPS	202 KIPS	0.31
	190.140							80# 0#			4	GONDOLA	202 KIPS	188 KIPS	0.22
	189.985							80# 0#			27	GONDOLA	138 KIPS	133 KIPS	0.12
	189.791							80# 0#			50	GONDOLA	89 KIPS	86 KIPS	0.10
	189.617							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.00
0:25:40	190.221	0	15	RUN	8	1213	REL	80# 0#	204:4	22:21	1	GM108	0 KIPS	92 KIPS	0.00
	190.208							80# 0#			2	SD40	92 KIPS	148 KIPS	0.00
	190.196							80# 0#			3	SD40	148 KIPS	204 KIPS	0.00
	190.184							80# 0#			4	GONDOLA	204 KIPS	201 KIPS	0.04
	190.009							80# 0#			27	GONDOLA	137 KIPS	135 KIPS	0.10
	189.835							80# 0#			50	GONDOLA	72 KIPS	68 KIPS	0.11
	189.681							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.10
0:25:50	190.285	0	15	RUN	8	1214	REL	80# 0#	206:4	21:27	1	GM108	0 KIPS	92 KIPS	0.00
	190.252							80# 0#			2	SD40	92 KIPS	148 KIPS	0.00
	190.240							80# 0#			3	SD40	148 KIPS	206 KIPS	0.00
	190.227							80# 0#			4	GONDOLA	206 KIPS	203 KIPS	0.00
	190.053							80# 0#			27	GONDOLA	140 KIPS	137 KIPS	0.21
	189.878							80# 0#			50	GONDOLA	73 KIPS	70 KIPS	0.11
	189.705							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.10
PS L-JEAN															
0:25:58	190.300	0	15	RUN	8	1215	REL	80# 0#	207:4	18:35	1	GM108	0 KIPS	92 KIPS	0.00
	190.287							80# 0#			2	SD40	92 KIPS	150 KIPS	0.00
	190.275							80# 0#			3	SD40	150 KIPS	207 KIPS	0.00
	190.262							80# 0#			4	GONDOLA	207 KIPS	204 KIPS	0.00
	190.088							80# 0#			27	GONDOLA	142 KIPS	138 KIPS	0.11
	189.914							80# 0#			50	GONDOLA	75 KIPS	71 KIPS	0.11
	189.740							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.10
0:26:0	190.308	0	15	RUN	8	1215	REL	80# 0#	208:4	15:38	1	GM108	0 KIPS	93 KIPS	0.00
	190.285							80# 0#			2	SD40	93 KIPS	151 KIPS	0.00
	190.283							80# 0#			3	SD40	151 KIPS	208 KIPS	0.00
	190.270							80# 0#			4	GONDOLA	208 KIPS	205 KIPS	0.00
	190.096							80# 0#			27	GONDOLA	143 KIPS	140 KIPS	0.11
	189.922							80# 0#			50	GONDOLA	75 KIPS	72 KIPS	0.11
	189.747							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 0.00 % GRADE															

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STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:26:10	190.351	0	15	RUN	6	1215	REL	80# 0#	1	GM108	0 KIPS	96 KIPS	0.00
	190.338							80# 0#	2	SD40	96 KIPS	158 KIPS	0.00
	190.325							80# 0#	3	SD40	158 KIPS	218 KIPS	0.00
	190.313							80# 0#	4	GONDOLA	218 KIPS	218 KIPS	0.00
	190.139							80# 0#	27	GONDOLA	154 KIPS	150 KIPS	0.12
	189.984							80# 0#	78	GONDOLA	78 KIPS	76 KIPS	0.11
	189.780							80# 0#	50	GONDOLA	3 KIPS	0 KIPS	0.10
0:26:20	190.393	0	16	RUN	6	1214	REL	80# 0#	1	GM108	0 KIPS	96 KIPS	0.00
	190.380							80# 0#	2	SD40	96 KIPS	157 KIPS	0.03
	190.368							80# 0#	3	SD40	157 KIPS	218 KIPS	0.00
	190.356							80# 0#	4	GONDOLA	218 KIPS	218 KIPS	0.00
	190.181							80# 0#	27	GONDOLA	182 KIPS	159 KIPS	0.02
	190.007							80# 0#	50	GONDOLA	82 KIPS	78 KIPS	0.10
	189.833							80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.10
0:26:30	190.437	0	16	RUN	6	1213	REL	80# 0#	1	GM108	0 KIPS	96 KIPS	0.00
	190.424							80# 0#	2	SD40	96 KIPS	156 KIPS	0.00
	190.412							80# 0#	3	SD40	156 KIPS	218 KIPS	0.00
	190.399							80# 0#	4	GONDOLA	218 KIPS	218 KIPS	0.00
	190.225							80# 0#	27	GONDOLA	188 KIPS	168 KIPS	0.00
	190.051							80# 0#	50	GONDOLA	87 KIPS	83 KIPS	0.11
	189.876							80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.10
0:26:40	190.482	0	16	RUN	6	1211	REL	80# 0#	1	GM108	0 KIPS	96 KIPS	0.00
	190.468							80# 0#	2	SD40	96 KIPS	154 KIPS	0.00
	190.456							80# 0#	3	SD40	154 KIPS	213 KIPS	0.00
	190.444							80# 0#	4	GONDOLA	213 KIPS	212 KIPS	0.00
	190.270							80# 0#	27	GONDOLA	178 KIPS	172 KIPS	0.00
	190.095							80# 0#	50	GONDOLA	91 KIPS	87 KIPS	0.10
	189.921							80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.10
0:26:50	190.528	0	17	RUN	6	1208	REL	80# 0#	1	GM108	0 KIPS	96 KIPS	0.00
	190.515							80# 0#	2	SD40	96 KIPS	151 KIPS	0.00
	190.502							80# 0#	3	SD40	151 KIPS	208 KIPS	0.00
	190.480							80# 0#	4	GONDOLA	208 KIPS	207 KIPS	0.00
	190.316							80# 0#	27	GONDOLA	180 KIPS	178 KIPS	0.00
	190.142							80# 0#	50	GONDOLA	98 KIPS	93 KIPS	0.12
	189.967							80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.10
0:27: 0	190.576	0	18	RUN	6	1206	REL	80# 0#	1	GM108	0 KIPS	94 KIPS	0.00
	190.563							80# 0#	2	SD40	94 KIPS	148 KIPS	0.00
	190.551							80# 0#	3	SD40	148 KIPS	202 KIPS	0.00
	190.538							80# 0#	4	GONDOLA	202 KIPS	201 KIPS	0.00
	190.364							80# 0#	27	GONDOLA	178 KIPS	177 KIPS	0.00
	190.180							80# 0#	50	GONDOLA	100 KIPS	96 KIPS	0.00
	190.016							80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.08

STATION TIME	MP	SPEED LMT RUN	TH1LE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	AFT	
0:27:10	190.827	0	19	RUN	6	1202	REL	80# 0#	1	GM108	0 KIPS	94 KIPS	0.00
	190.814							80# 0#	2	SD40	94 KIPS	145 KIPS	0.00
	190.801							80# 0#	3	SD40	145 KIPS	195 KIPS	0.00
	190.589							80# 0#	4	GONDOLA	195 KIPS	194 KIPS	0.00
	190.415							80# 0#	27	GONDOLA	194 KIPS	187 KIPS	0.00
	190.240							80# 0#	50	GONDOLA	187 KIPS	98 KIPS	0.00
	190.068							80# 0#	73	GONDOLA	102 KIPS	0 KIPS	0.08
0:27:14	190.850	0	19	RUN	6	1200	REL	80# 0#	1	GM108	0 KIPS	93 KIPS	0.00
	190.837							80# 0#	2	SD40	93 KIPS	141 KIPS	0.00
	190.825							80# 0#	3	SD40	141 KIPS	188 KIPS	0.00
	190.612							80# 0#	4	GONDOLA	188 KIPS	187 KIPS	0.00
	190.438							80# 0#	27	GONDOLA	187 KIPS	155 KIPS	0.00
	190.264							80# 0#	50	GONDOLA	155 KIPS	99 KIPS	0.00
	190.090							80# 0#	73	GONDOLA	103 KIPS	0 KIPS	0.08
-----> RUN 3													
0:27:15	190.855	0	19	RUN	3	1153	REL	80# 0#	1	GM108	0 KIPS	92 KIPS	0.00
	190.642							80# 0#	2	SD40	92 KIPS	137 KIPS	0.00
	190.630							80# 0#	3	SD40	137 KIPS	183 KIPS	0.00
	190.618							80# 0#	4	GONDOLA	183 KIPS	182 KIPS	0.00
	190.443							80# 0#	27	GONDOLA	182 KIPS	149 KIPS	0.00
	190.269							80# 0#	50	GONDOLA	149 KIPS	98 KIPS	0.00
	190.095							80# 0#	73	GONDOLA	102 KIPS	0 KIPS	0.08
0:27:18	190.881	0	19	RUN	3	895	REL	80# 0#	1	GM108	0 KIPS	88 KIPS	0.00
	190.648							80# 0#	2	SD40	88 KIPS	132 KIPS	0.00
	190.635							80# 0#	3	SD40	132 KIPS	178 KIPS	0.00
	190.623							80# 0#	4	GONDOLA	178 KIPS	178 KIPS	0.00
	190.449							80# 0#	27	GONDOLA	178 KIPS	143 KIPS	0.00
	190.274							80# 0#	50	GONDOLA	143 KIPS	95 KIPS	0.00
	190.100							80# 0#	73	GONDOLA	100 KIPS	0 KIPS	0.08
0:27:20	190.680	0	19	RUN	3	578	REL	80# 0#	1	GM108	0 KIPS	80 KIPS	0.00
	190.667							80# 0#	2	SD40	80 KIPS	120 KIPS	0.00
	190.654							80# 0#	3	SD40	120 KIPS	159 KIPS	0.00
	190.642							80# 0#	4	GONDOLA	159 KIPS	158 KIPS	0.00
	190.468							80# 0#	27	GONDOLA	158 KIPS	132 KIPS	0.00
	190.284							80# 0#	50	GONDOLA	132 KIPS	86 KIPS	0.00
	190.118							80# 0#	73	GONDOLA	91 KIPS	0 KIPS	0.08
0:27:30	190.734	0	19	RUN	3	575	REL	80# 0#	1	GM108	0 KIPS	45 KIPS	0.00
	190.721							80# 0#	2	SD40	45 KIPS	72 KIPS	0.00
	190.708							80# 0#	3	SD40	72 KIPS	97 KIPS	0.00
	190.696							80# 0#	4	GONDOLA	97 KIPS	96 KIPS	0.00
	190.522							80# 0#	27	GONDOLA	96 KIPS	87 KIPS	0.00
	190.348							80# 0#	50	GONDOLA	87 KIPS	88 KIPS	0.00
	190.173							80# 0#	73	GONDOLA	71 KIPS	0 KIPS	0.08

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STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	IND	PIPE	SETTING CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE	AFT	L/V RATIO
0:27:40	190.788	0	20	RUN	3	573	REL	REL	80#	0#	78:4	.00:	0.00
	190.775								80#	0#	0 KIPS	42 KIPS	0.00
	190.763								80#	0#	42 KIPS	61 KIPS	0.00
	190.750								80#	0#	81 KIPS	78 KIPS	0.00
	190.578								80#	0#	78 KIPS	78 KIPS	0.00
	190.402								80#	0#	89 KIPS	59 KIPS	0.00
	190.228								80#	0#	59 KIPS	0 KIPS	0.00
0:27:42	190.800	0	20	RUN	3	572	REL	REL	80#	0#	0 KIPS	42 KIPS	0.00
	190.787								80#	0#	42 KIPS	80 KIPS	0.00
	190.775								80#	0#	80 KIPS	77 KIPS	0.00
	190.762								80#	0#	77 KIPS	77 KIPS	0.00
	190.588								80#	0#	82 KIPS	61 KIPS	0.00
	190.414								80#	0#	48 KIPS	45 KIPS	0.00
	190.240								80#	0#	3 KIPS	0 KIPS	0.00
----->	12 POUND REDUCTION												
----->	RUN 1												
0:27:43	190.805	0	20	RUN	1	524	REL	REL	80#	0#	75:4	.00:	0.00
	190.792								80#	0#	0 KIPS	40 KIPS	0.00
	190.780								80#	0#	40 KIPS	57 KIPS	0.00
	190.768								80#	0#	75 KIPS	74 KIPS	0.00
	190.594								80#	0#	75 KIPS	57 KIPS	0.00
	190.419								80#	0#	58 KIPS	41 KIPS	0.00
	190.245								80#	0#	41 KIPS	0 KIPS	0.00
0:27:44	190.811	0	20	RUN	1	382	REL	REL	80#	0#	69:4	.00:	0.00
	190.798								80#	0#	0 KIPS	38 KIPS	0.00
	190.786								80#	0#	38 KIPS	53 KIPS	0.00
	190.773								80#	0#	53 KIPS	68 KIPS	0.00
	190.599								80#	0#	68 KIPS	54 KIPS	0.00
	190.425								80#	0#	54 KIPS	37 KIPS	0.00
	190.251								80#	0#	37 KIPS	0 KIPS	0.00
0:27:45	190.817	0	20	RUN	1	274	REL	REL	80#	0#	59:4	.00:	0.00
	190.803								80#	0#	0 KIPS	28 KIPS	0.00
	190.791								80#	0#	28 KIPS	45 KIPS	0.00
	190.778								80#	0#	45 KIPS	58 KIPS	0.00
	190.605								80#	0#	58 KIPS	48 KIPS	0.00
	190.430								80#	0#	48 KIPS	29 KIPS	0.00
	190.256								80#	0#	29 KIPS	0 KIPS	0.00
0:27:46	190.822	0	20	RUN	1	250	REL	REL	80#	0#	46:4	.00:	0.00
	190.808								80#	0#	0 KIPS	18 KIPS	0.00
	190.797								80#	0#	18 KIPS	36 KIPS	0.00
	190.784								80#	0#	36 KIPS	46 KIPS	0.00
	190.610								80#	0#	46 KIPS	37 KIPS	0.00
	190.436								80#	0#	37 KIPS	22 KIPS	0.00
	190.262								80#	0#	22 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING REL	BRAKES IND PIPE CYL	PRESSURE KIPS:CAR	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO			
											FORE	AFT				
0:27:53	190.860	0	20	RUN	1	250	12#	REL	88# 28#	-40:7	.02:3	1	GM108	0 KIPS	8 KIPS	0.00
	190.847								88# 28#			2	SD40	-31 KIPS	-22 KIPS	0.01
	190.834								88# 25#			3	SD40	-22 KIPS	-23 KIPS	0.02
	190.822								74# 11#			4	GONDOLA	0 KIPS	0 KIPS	0.00
	190.648								78# 8#			27	GONDOLA	3 KIPS	3 KIPS	0.00
	190.474								77# 5#			50	GONDOLA	0 KIPS	0 KIPS	0.00
0:27:54	190.299								78# 3#	-64:9	.01:4	73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.865	0	20	RUN	1	250	12#	REL	88# 28#			1	GM108	20 KIPS	20 KIPS	0.00
	190.852								88# 28#			2	SD40	-13 KIPS	-13 KIPS	0.00
	190.840								88# 28#			3	SD40	-26 KIPS	-33 KIPS	0.01
	190.827								73# 12#			4	GONDOLA	0 KIPS	0 KIPS	0.01
	190.853								75# 9#			27	GONDOLA	2 KIPS	2 KIPS	0.00
0:27:55	190.479								78# 6#			50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.305								77# 4#			73	GONDOLA	3 KIPS	3 KIPS	0.00
	190.871	0	20	RUN	1	250	12#	REL	88# 28#	-63:10	.01:4	1	GM108	0 KIPS	8 KIPS	0.00
	190.858								88# 28#			2	SD40	0 KIPS	0 KIPS	0.00
	190.845								88# 28#			3	SD40	-13 KIPS	-13 KIPS	0.01
	190.833								73# 13#			4	GONDOLA	0 KIPS	0 KIPS	0.00
0:27:56	190.859								74# 10#			27	GONDOLA	0 KIPS	0 KIPS	0.00
	190.484								78# 8#			50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.310								77# 6#			73	GONDOLA	2 KIPS	2 KIPS	0.00
	190.876	0	19	RUN	1	250	12#	REL	88# 28#	-67:16	.03:3	1	GM108	0 KIPS	0 KIPS	0.00
	190.863								88# 28#			2	SD40	-24 KIPS	-20 KIPS	0.02
	190.851								88# 28#			3	SD40	-20 KIPS	-18 KIPS	0.03
0:27:57	190.838								72# 14#			27	GONDOLA	0 KIPS	0 KIPS	0.00
	190.664								74# 11#			4	GONDOLA	0 KIPS	0 KIPS	0.00
	190.490								75# 9#			50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.318	0	19	RUN	1	250	12#	REL	78# 7#	-70:19	.01:4	73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.881								88# 28#			1	GM108	23 KIPS	23 KIPS	0.00
	190.868								88# 28#			2	SD40	-7 KIPS	-14 KIPS	0.00
0:27:58	190.856								88# 28#			3	SD40	-14 KIPS	-13 KIPS	0.01
	190.844								72# 15#			4	GONDOLA	0 KIPS	0 KIPS	0.00
	190.669								73# 12#			27	GONDOLA	0 KIPS	0 KIPS	0.00
	190.495								74# 10#			50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.321	0	19	RUN	1	250	12#	REL	75# 8#	-71:23	.01:4	73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.887								88# 28#			1	GM108	8 KIPS	8 KIPS	0.00
0:27:59	190.874								88# 28#			2	SD40	0 KIPS	0 KIPS	0.00
	190.861								88# 28#			3	SD40	-8 KIPS	-8 KIPS	0.01
	190.849								72# 16#			4	GONDOLA	0 KIPS	0 KIPS	0.00
	190.675								73# 13#			27	GONDOLA	0 KIPS	0 KIPS	0.00
	190.501								74# 11#			50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.326								75# 9#			73	GONDOLA	0 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THLTL AMP 250 12#	REL	BRAKES TRN IND PIPE CYL	SETTING PRESSURE 88# 28#	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0:27:59	190.892	0	19 RUN 1	250 12#	REL	88# 28#	-73:28 .03:3	1	GM108	0 KIPS	8 KIPS	0.00
	190.879					88# 28#		2	SD40	8 KIPS	-23 KIPS	0.02
	190.867					88# 28#		3	SD40	-23 KIPS	-19 KIPS	0.03
	190.854					71# 17#		4	GONDOLA	-19 KIPS	-17 KIPS	0.03
	190.880					72# 14#		27	GONDOLA	0 KIPS	0 KIPS	0.00
	190.508					73# 12#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	180.332					74# 10#		73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28: 0	190.897	0	19 RUN 1	250 12#	REL	88# 28#	-76:28 .01:4	1	GM108	0 KIPS	19 KIPS	0.00
	190.884					88# 28#		2	SD40	19 KIPS	-7 KIPS	0.00
	190.872					88# 28#		3	SD40	-7 KIPS	-15 KIPS	0.01
	190.860					71# 18#		4	GONDOLA	-15 KIPS	-14 KIPS	0.01
	190.885					72# 15#		27	GONDOLA	-14 KIPS	-78 KIPS	0.00
	190.511					73# 13#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.337					74# 11#		73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28: 1	190.933	0	19 RUN 1	250 12#	REL	88# 28#	-78:32 .03:3	1	GM108	0 KIPS	8 KIPS	0.00
	180.888					88# 28#		2	SD40	8 KIPS	-17 KIPS	0.02
	180.877					88# 28#		3	SD40	-17 KIPS	-15 KIPS	0.03
	190.865					71# 19#		4	GONDOLA	-15 KIPS	-15 KIPS	0.03
	190.691					72# 16#		27	GONDOLA	-15 KIPS	-88 KIPS	0.01
	180.516					72# 14#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	180.342					73# 12#		73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28: 2	180.908	0	19 RUN 1	251 12#	REL	88# 28#	-81:34 .01:4	1	GM108	0 KIPS	13 KIPS	0.00
	190.895					88# 28#		2	SD40	13 KIPS	-7 KIPS	0.00
	190.882					88# 28#		3	SD40	-7 KIPS	-15 KIPS	0.01
	190.870					70# 20#		4	GONDOLA	-15 KIPS	-15 KIPS	0.01
	190.898					71# 17#		27	GONDOLA	-15 KIPS	-39 KIPS	0.00
	190.521					72# 15#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.347					73# 13#		73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28: 3	190.913	0	18 RUN 1	251 12#	REL	88# 28#	-81:37 .03:3	1	GM108	0 KIPS	8 KIPS	0.00
	190.900					88# 28#		2	SD40	8 KIPS	-15 KIPS	0.02
	190.887					88# 28#		3	SD40	-15 KIPS	-15 KIPS	0.03
	190.875					70# 20#		4	GONDOLA	-15 KIPS	-18 KIPS	0.03
	190.701					71# 17#		27	GONDOLA	-18 KIPS	-24 KIPS	0.01
	190.527					72# 18#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.352					72# 14#		73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28: 4	190.918	0	18 RUN 1	251 12#	REL	88# 28#	-92:45 .03:3	1	GM108	0 KIPS	0 KIPS	0.00
	190.905					88# 28#		2	SD40	0 KIPS	-8 KIPS	0.02
	190.893					88# 28#		3	SD40	-8 KIPS	-15 KIPS	0.03
	190.880					70# 21#		4	GONDOLA	-15 KIPS	-15 KIPS	0.03
	190.706					71# 18#		27	GONDOLA	-15 KIPS	-8 KIPS	0.01
	190.532					71# 16#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.357					72# 15#		73	GONDOLA	-2 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT	THLE RUN	AMPS 1	SETTING 251	TRN 12#	REL	BRAKES IND	PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES FORE	AFT	L/V RATIO
0:28: 5	190.923	0	18	RUN	1	251	12#	REL	68# 28#	68# 28#	-93:47 .01:4	1	GM108	0 KIPS	18 KIPS	0.00
	190.910								68# 28#	68# 28#		2	SD40	18 KIPS	0 KIPS	0.00
	190.898								68# 28#	68# 28#		3	SD40	0 KIPS	-15 KIPS	0.01
	190.885								68# 22#	68# 22#		4	GONDOLA	-15 KIPS	-15 KIPS	0.01
	190.711								70# 19#	70# 19#		27	GONDOLA	-8 KIPS	-8 KIPS	0.00
	190.537								71# 17#	71# 17#		50	GONDOLA	-92 KIPS	0 KIPS	0.00
	190.383								71# 16#	71# 16#		73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28: 6	190.928	0	18	RUN	1	251	12#	REL	68# 28#	68# 28#	-97:54 .02:3	1	GM108	0 KIPS	8 KIPS	0.00
	190.915								68# 28#	68# 28#		2	SD40	8 KIPS	-12 KIPS	0.00
	190.903								68# 28#	68# 28#		3	SD40	-12 KIPS	-10 KIPS	0.02
	190.890								69# 23#	69# 23#		4	GONDOLA	-10 KIPS	-10 KIPS	0.02
	190.718								70# 20#	70# 20#		27	GONDOLA	-8 KIPS	-8 KIPS	0.01
	190.542								71# 18#	71# 18#		50	GONDOLA	-83 KIPS	-93 KIPS	0.00
	190.388								71# 17#	71# 17#		73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28: 7	190.933	0	18	RUN	1	251	12#	REL	68# 28#	68# 28#	-101:58 .02:3	1	GM108	0 KIPS	5 KIPS	0.00
	190.920								68# 28#	68# 28#		2	SD40	5 KIPS	-3 KIPS	0.00
	190.908								68# 28#	68# 28#		3	SD40	-3 KIPS	-10 KIPS	0.02
	190.895								69# 24#	69# 24#		4	GONDOLA	-10 KIPS	-10 KIPS	0.02
	190.721								70# 21#	70# 21#		27	GONDOLA	-8 KIPS	-8 KIPS	0.01
	190.547								71# 19#	71# 19#		50	GONDOLA	-48 KIPS	-58 KIPS	0.00
	190.372								71# 17#	71# 17#		73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28: 8	190.938	0	18	RUN	1	251	12#	REL	68# 28#	68# 28#	-10:59 .02:3	1	GM108	0 KIPS	5 KIPS	0.00
	190.925								68# 28#	68# 28#		2	SD40	5 KIPS	-3 KIPS	0.00
	190.912								68# 28#	68# 28#		3	SD40	-3 KIPS	-10 KIPS	0.02
	190.900								69# 24#	69# 24#		4	GONDOLA	-10 KIPS	-10 KIPS	0.02
	190.728								70# 20#	70# 20#		27	GONDOLA	-3 KIPS	-8 KIPS	0.01
	190.552								71# 18#	71# 18#		50	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.377								71# 17#	71# 17#		73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28: 9	190.943	0	17	RUN	1	251	12#	REL	68# 28#	68# 28#	-15:60 .02:3	1	GM108	0 KIPS	5 KIPS	0.00
	190.930								68# 28#	68# 28#		2	SD40	5 KIPS	-2 KIPS	0.00
	190.917								68# 28#	68# 28#		3	SD40	-2 KIPS	-10 KIPS	0.02
	190.905								68# 25#	68# 25#		4	GONDOLA	-10 KIPS	-10 KIPS	0.02
	190.731								69# 22#	69# 22#		27	GONDOLA	-9 KIPS	-8 KIPS	0.01
	190.558								70# 20#	70# 20#		50	GONDOLA	-4 KIPS	-3 KIPS	0.00
	190.382								70# 19#	70# 19#		73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28: 10	190.947	0	17	RUN	1	251	12#	REL	68# 28#	68# 28#	-24:63 .02:3	1	GM108	0 KIPS	5 KIPS	0.00
	190.934								68# 28#	68# 28#		2	SD40	5 KIPS	-2 KIPS	0.00
	190.922								68# 28#	68# 28#		3	SD40	-2 KIPS	-10 KIPS	0.02
	190.910								68# 26#	68# 26#		4	GONDOLA	-10 KIPS	-10 KIPS	0.02
	190.735								69# 23#	69# 23#		27	GONDOLA	-9 KIPS	-8 KIPS	0.01
	190.561								70# 21#	70# 21#		50	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.387								70# 20#	70# 20#		73	GONDOLA	0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
											DRAWBAR FORCES FORE	AFT		
0:28:11	190.952	0	17	1	251	12#	REL	88# 28#		1	GM108	0 KIPS	5 KIPS	0.00
	190.939							88# 28#		2	SD40	5 KIPS	-2 KIPS	0.00
	190.927							88# 28#		3	SD40	-2 KIPS	-9 KIPS	0.02
	190.914							88# 27#		4	GONDOLA	-9 KIPS	-10 KIPS	0.02
	190.740							89# 24#		27	GONDOLA	-5 KIPS	-9 KIPS	0.01
	190.588							89# 22#		50	GONDOLA	-1 KIPS	-4 KIPS	0.00
0:28:12	190.392							70# 21#		73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.957	0	17	1	252	12#	REL	88# 28#		1	GM108	0 KIPS	5 KIPS	0.00
	190.944							88# 28#		2	SD40	5 KIPS	-2 KIPS	0.00
	190.931							88# 28#		3	SD40	-2 KIPS	-9 KIPS	0.02
	190.919							88# 28#		4	GONDOLA	-9 KIPS	-8 KIPS	0.02
	190.745							89# 24#		27	GONDOLA	-10 KIPS	-10 KIPS	0.01
0:28:13	190.571							89# 23#		50	GONDOLA	-6 KIPS	-8 KIPS	0.02
	190.398							70# 21#		73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.961	0	18	1	252	12#	REL	88# 28#		1	GM108	0 KIPS	5 KIPS	0.00
	190.948							88# 28#		2	SD40	5 KIPS	-2 KIPS	0.00
	190.936							88# 28#		3	SD40	-2 KIPS	-9 KIPS	0.02
	190.924							88# 28#		4	GONDOLA	-9 KIPS	-9 KIPS	0.02
0:28:14	190.748							88# 26#		27	GONDOLA	-10 KIPS	-10 KIPS	0.01
	190.575							89# 23#		50	GONDOLA	-7 KIPS	-8 KIPS	0.00
	190.401							89# 22#		73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.968	0	18	1	252	12#	REL	88# 28#		1	GM108	0 KIPS	5 KIPS	0.00
	190.953							88# 28#		2	SD40	5 KIPS	-2 KIPS	0.00
	190.941							88# 28#		3	SD40	-2 KIPS	-9 KIPS	0.02
0:28:15	190.928							88# 26#		4	GONDOLA	-9 KIPS	-8 KIPS	0.02
	190.754							88# 26#		27	GONDOLA	-10 KIPS	-10 KIPS	0.01
	190.580							89# 24#		50	GONDOLA	-7 KIPS	-8 KIPS	0.00
	190.405							88# 23#		73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.970	0	18	1	252	12#	REL	88# 28#		1	GM108	0 KIPS	5 KIPS	0.00
	190.957							88# 28#		2	SD40	5 KIPS	-2 KIPS	0.00
0:28:16	190.945							88# 28#		3	SD40	-2 KIPS	-9 KIPS	0.02
	190.933							88# 28#		4	GONDOLA	-9 KIPS	-9 KIPS	0.02
	190.758							88# 27#		27	GONDOLA	-8 KIPS	-8 KIPS	0.01
	190.584							88# 25#		50	GONDOLA	-8 KIPS	-8 KIPS	0.01
	190.410							89# 23#		73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.975	0	18	1	252	12#	REL	88# 28#		1	GM108	0 KIPS	5 KIPS	0.00
0:28:17	190.962							88# 28#		2	SD40	5 KIPS	-1 KIPS	0.00
	190.949							88# 28#		3	SD40	-1 KIPS	-8 KIPS	0.02
	190.937							88# 28#		4	GONDOLA	-8 KIPS	-8 KIPS	0.02
	190.783							88# 27#		27	GONDOLA	-9 KIPS	-8 KIPS	0.01
	190.589							88# 26#		50	GONDOLA	-6 KIPS	-8 KIPS	0.01
	190.414							89# 24#		73	GONDOLA	0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THITLE AMP	SETTING TRN	IND	PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:28:17	190.979	0	16	RUN	1	252	12# REL	88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	190.986							88# 28#	2	SD40	6 KIPS	-1 KIPS	0.00
	190.954							88# 28#	3	SD40	-1 KIPS	-8 KIPS	0.02
	190.941							88# 28#	4	GONDOLA	-8 KIPS	-8 KIPS	0.02
	190.787							87# 28#	27	GONDOLA	-8 KIPS	-5 KIPS	0.01
	190.593							88# 28#	50	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.419							88# 25#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28:18	190.983	0	15	RUN	1	252	12# REL	88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	190.970							88# 28#	2	SD40	6 KIPS	-1 KIPS	0.00
	190.958							88# 28#	3	SD40	-1 KIPS	-8 KIPS	0.02
	190.946							88# 28#	4	GONDOLA	-8 KIPS	-8 KIPS	0.02
	190.771							87# 28#	27	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.597							88# 28#	50	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.423							88# 26#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28:19	190.988	0	15	RUN	1	253	12# REL	88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	190.975							88# 28#	2	SD40	6 KIPS	-1 KIPS	0.00
	190.962							88# 28#	3	SD40	-1 KIPS	-8 KIPS	0.02
	190.950							88# 28#	4	GONDOLA	-8 KIPS	-8 KIPS	0.02
	190.778							87# 28#	27	GONDOLA	-8 KIPS	-4 KIPS	0.00
	190.601							88# 28#	50	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.427							88# 26#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28:20	190.992	0	15	RUN	1	253	12# REL	88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	190.979							88# 28#	2	SD40	6 KIPS	-1 KIPS	0.00
	190.968							88# 28#	3	SD40	-1 KIPS	-8 KIPS	0.02
	190.954							88# 28#	4	GONDOLA	-8 KIPS	-7 KIPS	0.02
	190.780							87# 28#	27	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.606							87# 28#	50	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.431							88# 27#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28:21	190.996	0	15	RUN	1	253	12# REL	88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	190.983							88# 28#	2	SD40	6 KIPS	-1 KIPS	0.00
	190.970							88# 28#	3	SD40	-1 KIPS	-7 KIPS	0.02
	190.958							88# 28#	4	GONDOLA	-7 KIPS	-7 KIPS	0.02
	190.784							87# 28#	27	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.610							87# 28#	50	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.435							87# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28:22	191.000	0	14	RUN	1	253	12# REL	88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	190.987							88# 28#	2	SD40	6 KIPS	-1 KIPS	0.00
	190.974							88# 28#	3	SD40	-1 KIPS	-7 KIPS	0.02
	190.962							88# 28#	4	GONDOLA	-7 KIPS	-7 KIPS	0.02
	190.786							87# 28#	27	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.614							87# 28#	50	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.439							87# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	12# REL	BRAKES IND PIPE CYL	SETTING REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	FORCES AFT	
0:28:22	191.000	0	14	RUN	1	253	12#	REL	68# 28#	GM108	0 KIPS	6 KIPS	0.00
	190.987					68# 28#		-7:4 .02:3	2	SD40	6 KIPS	-1 KIPS	0.00
	190.975					68# 28#			3	SD40	-1 KIPS	-7 KIPS	0.02
	190.962					68# 28#			4	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.949					67# 28#			27	GONDOLA	-5 KIPS	-5 KIPS	0.00
0:28:23	190.936					67# 28#			50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.923					67# 28#			73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.004	0	14	RUN	1	253	12#	REL	68# 28#	GM108	0 KIPS	6 KIPS	0.00
	190.991					68# 28#		-7:4 .02:3	1	SD40	6 KIPS	-1 KIPS	0.00
	190.978					68# 28#			2	SD40	-1 KIPS	-7 KIPS	0.02
0:28:24	190.965					68# 28#			3	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.952					67# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.939					67# 28#			27	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.926					67# 28#			50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.913	0	14	RUN	1	253	12#	REL	68# 28#	GM108	0 KIPS	6 KIPS	0.00
0:28:25	191.008					68# 28#		-7:4 .01:3	1	SD40	6 KIPS	-1 KIPS	0.00
	190.995					68# 28#			2	SD40	-1 KIPS	-7 KIPS	0.01
	190.982					68# 28#			3	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.969					67# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.956					67# 28#			27	GONDOLA	-2 KIPS	-2 KIPS	0.00
0:28:26	190.943					67# 28#			50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.930	0	13	RUN	1	254	12#	REL	68# 28#	GM108	0 KIPS	6 KIPS	0.00
	190.917					68# 28#		-7:4 .01:3	1	SD40	6 KIPS	-1 KIPS	0.00
	190.904					68# 28#			2	SD40	-1 KIPS	-7 KIPS	0.01
	190.891					68# 28#			3	GONDOLA	-7 KIPS	-7 KIPS	0.01
0:28:27	190.878					68# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.865					67# 28#			27	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.852					67# 28#			50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.839	0	13	RUN	1	254	12#	REL	68# 28#	GM108	0 KIPS	6 KIPS	0.00
	190.826					68# 28#		-7:4 .01:3	1	SD40	6 KIPS	-1 KIPS	0.00
0:28:28	191.015					68# 28#			2	SD40	-1 KIPS	-7 KIPS	0.01
	191.002					68# 28#			3	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.989					68# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.976					67# 28#			27	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.963					67# 28#			50	GONDOLA	0 KIPS	0 KIPS	0.00
0:28:29	190.950					67# 28#			73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.937	0	13	RUN	1	254	12#	REL	68# 28#	GM108	0 KIPS	6 KIPS	0.00
	190.924					68# 28#		-7:4 .01:3	1	SD40	6 KIPS	-1 KIPS	0.00
	190.911					68# 28#			2	SD40	-1 KIPS	-7 KIPS	0.01
	190.898					68# 28#			3	GONDOLA	-7 KIPS	-7 KIPS	0.01
0:28:30	190.885					68# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.872					67# 28#			27	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.859					67# 28#			50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.846	0	13	RUN	1	254	12#	REL	68# 28#	GM108	0 KIPS	6 KIPS	0.00
	190.833					68# 28#		-7:4 .01:3	1	SD40	6 KIPS	-1 KIPS	0.00
0:28:31	191.022					68# 28#			2	SD40	-1 KIPS	-7 KIPS	0.01
	191.009					68# 28#			3	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.996					68# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.983					67# 28#			27	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.970					67# 28#			50	GONDOLA	0 KIPS	0 KIPS	0.00
0:28:32	190.957					67# 28#			73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.944	0	13	RUN	1	254	12#	REL	68# 28#	GM108	0 KIPS	6 KIPS	0.00
	190.931					68# 28#		-7:4 .01:3	1	SD40	6 KIPS	-1 KIPS	0.00
	190.918					68# 28#			2	SD40	-1 KIPS	-7 KIPS	0.01
	190.905					68# 28#			3	GONDOLA	-7 KIPS	-7 KIPS	0.01
0:28:33	190.892					68# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.879					67# 28#			27	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.866					67# 28#			50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.853	0	13	RUN	1	254	12#	REL	68# 28#	GM108	0 KIPS	6 KIPS	0.00
	190.840					68# 28#		-7:4 .01:3	1	SD40	6 KIPS	-1 KIPS	0.00
0:28:34	191.029					68# 28#			2	SD40	-1 KIPS	-7 KIPS	0.01
	191.016					68# 28#			3	GONDOLA	-7 KIPS	-7 KIPS	0.01
	191.003					68# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.990					67# 28#			27	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.977					67# 28#			50	GONDOLA	0 KIPS	0 KIPS	0.00
0:28:35	190.964					67# 28#			73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.951	0	13	RUN	1	254	12#	REL	68# 28#	GM108	0 KIPS	6 KIPS	0.00
	190.938					68# 28#		-7:4 .01:3	1	SD40	6 KIPS	-1 KIPS	0.00
	190.925					68# 28#			2	SD40	-1 KIPS	-7 KIPS	0.01
	190.912					68# 28#			3	GONDOLA	-7 KIPS	-7 KIPS	0.01
0:28:36	190.899					68# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.886					67# 28#			27	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.873					67# 28#			50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.860	0	13	RUN	1	254	12#	REL	68# 28#	GM108	0 KIPS	6 KIPS	0.00
	190.847					68# 28#		-7:4 .01:3	1	SD40	6 KIPS	-1 KIPS	0.00
0:28:37	191.033					68# 28#			2	SD40	-1 KIPS	-7 KIPS	0.01
	191.020					68# 28#			3	GONDOLA	-7 KIPS	-7 KIPS	0.01
	191.007					68# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.994					67# 28#			27	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.981					67# 28#			50	GONDOLA	0 KIPS	0 KIPS	0.00
0:28:38	190.968					67# 28#			73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.955	0	13	RUN	1	254	12#	REL	68# 28#	GM108	0 KIPS	6 KIPS	0.00
	190.942					68# 28#		-7:4 .01:3	1	SD40	6 KIPS	-1 KIPS	0.00
	190.929					68# 28#			2	SD40	-1 KIPS	-7 KIPS	0.01
	190.916					68# 28#			3	GONDOLA	-7 KIPS	-7 KIPS	0.01
0:28:39	190.903					68# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.890					67# 28#			27	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.877					67# 28#			50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.864	0	13	RUN	1	254	12#	REL	68# 28#	GM108	0 KIPS	6 KIPS	0.00
	190.851					68# 28#		-7:4 .01:3	1	SD40	6 KIPS	-1 KIPS	0.00
0:28:40	191.038					68# 28#			2	SD40	-1 KIPS	-7 KIPS	0.01
	191.025					68# 28#			3	GONDOLA	-7 KIPS	-7 KIPS	0.01
	191.012					68# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.00
	191.000					67# 28#			27	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.987					67# 28#			50	GONDOLA	0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THLTL AMP'S TRN IND PIPE CYL	BRAKES SETTING PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRAWBAR FORCES FORE	DRAWBAR FORCES AFT	
0:28:28	191.022	0	13 RUN 1	254 12# REL	88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	191.008				88# 28#	2	SD40	6 KIPS	-1 KIPS	0.00
	190.997				88# 28#	3	SD40	-1 KIPS	-7 KIPS	0.01
	190.985				88# 28#	4	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.810				87# 28#	27	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.836				87# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
0:28:29	190.482	0	12 RUN 1	254 12# REL	88# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.026				88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	191.013				88# 28#	2	SD40	6 KIPS	0 KIPS	0.00
	191.000				88# 28#	3	SD40	0 KIPS	0 KIPS	0.01
	190.988				88# 28#	4	GONDOLA	-6 KIPS	-6 KIPS	0.01
	190.814				87# 28#	27	GONDOLA	-4 KIPS	-4 KIPS	0.00
0:28:30	190.840				87# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.485	0	12 RUN 1	254 12# REL	87# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.029				88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	191.016				88# 28#	2	SD40	6 KIPS	0 KIPS	0.00
	191.004				88# 28#	3	SD40	0 KIPS	-6 KIPS	0.01
	190.991				88# 28#	4	GONDOLA	-6 KIPS	-6 KIPS	0.01
0:28:31	190.817				87# 28#	27	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.843				87# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.469	0	12 RUN 1	255 12# REL	87# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.032				88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	191.018				88# 28#	2	SD40	6 KIPS	0 KIPS	0.00
	191.007				88# 28#	3	SD40	0 KIPS	-6 KIPS	0.01
0:28:32	190.995				88# 28#	4	GONDOLA	-6 KIPS	-6 KIPS	0.01
	190.820				87# 28#	27	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.848				87# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.472	0	12 RUN 1	255 12# REL	87# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.036				88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	191.023				88# 28#	2	SD40	6 KIPS	0 KIPS	0.00
0:28:33	191.010				88# 28#	3	SD40	0 KIPS	-6 KIPS	0.01
	190.998				88# 28#	4	GONDOLA	-6 KIPS	-6 KIPS	0.01
	190.824				87# 28#	27	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.649				87# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.475	0	11 RUN 1	255 12# REL	87# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.038				88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
0:28:34	191.026				88# 28#	2	SD40	6 KIPS	0 KIPS	0.00
	191.013				88# 28#	3	SD40	0 KIPS	-6 KIPS	0.01
	191.001				88# 28#	4	GONDOLA	-6 KIPS	-6 KIPS	0.01
	190.827				87# 28#	27	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.653				87# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.478				87# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THTLT AMPS	SETTING TRN IND	PRESSURE PIPE CYL	BRAKES (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO	
									FORE	AFT		
0:28:34	191.042	0	11	RUN	1	255 12# REL	6:2	.01:4	GM108	0 KIPS	6 KIPS	0.00
	191.029					68# 28#			SD40	0 KIPS	0 KIPS	0.00
	191.017					68# 28#			SD40	0 KIPS	0 KIPS	0.01
	191.004					68# 28#			GONDOLA	-6 KIPS	-6 KIPS	0.01
	190.830					67# 28#			GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.656					67# 28#			GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.481					67# 28#			GONDOLA	0 KIPS	0 KIPS	0.00
0:28:35	191.045	0	11	RUN	1	255 12# REL	6:2	.01:4	GM108	0 KIPS	6 KIPS	0.00
	191.032					68# 28#			SD40	0 KIPS	0 KIPS	0.00
	191.020					68# 28#			SD40	0 KIPS	0 KIPS	0.00
	191.007					68# 28#			GONDOLA	-5 KIPS	-5 KIPS	0.01
	190.833					67# 28#			GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.659					67# 28#			GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.485					67# 28#			GONDOLA	0 KIPS	0 KIPS	0.00
0:28:36	191.048	0	10	RUN	1	255 12# REL	5:2	.01:4	GM108	0 KIPS	5 KIPS	0.00
	191.035					68# 28#			SD40	0 KIPS	0 KIPS	0.00
	191.023					68# 28#			SD40	0 KIPS	0 KIPS	0.01
	191.010					68# 28#			GONDOLA	-5 KIPS	-5 KIPS	0.01
	190.836					67# 28#			GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.662					67# 28#			GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.487					67# 28#			GONDOLA	0 KIPS	0 KIPS	0.00
0:28:37	191.051	0	10	RUN	1	255 12# REL	5:2	.01:4	GM108	0 KIPS	5 KIPS	0.00
	191.038					68# 28#			SD40	0 KIPS	0 KIPS	0.00
	191.025					68# 28#			SD40	0 KIPS	0 KIPS	0.01
	191.013					68# 28#			SD40	0 KIPS	0 KIPS	0.01
	190.839					67# 28#			GONDOLA	-5 KIPS	-5 KIPS	0.01
	190.665					67# 28#			GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.490					67# 28#			GONDOLA	-2 KIPS	-2 KIPS	0.00
0:28:38	191.054	0	10	RUN	1	255 12# REL	5:2	.01:4	GM108	0 KIPS	5 KIPS	0.00
	191.040					68# 28#			SD40	0 KIPS	0 KIPS	0.00
	191.028					68# 28#			SD40	0 KIPS	0 KIPS	0.00
	191.016					68# 28#			SD40	0 KIPS	0 KIPS	0.01
	190.842					67# 28#			GONDOLA	-5 KIPS	-5 KIPS	0.01
	190.667					67# 28#			GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.493					67# 28#			GONDOLA	-2 KIPS	-2 KIPS	0.00
0:28:39	191.056	0	10	RUN	1	255 12# REL	5:2	.01:4	GM108	0 KIPS	5 KIPS	0.00
	191.043					68# 28#			SD40	0 KIPS	0 KIPS	0.00
	191.031					68# 28#			SD40	0 KIPS	0 KIPS	0.00
	191.019					68# 28#			GONDOLA	-5 KIPS	-5 KIPS	0.01
	190.844					67# 28#			GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.670					67# 28#			GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.496					67# 28#			GONDOLA	0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS	SETTING	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
						TRN	IND PIPE CYL				DRUMBAR FORCES FORE	AFT		
0:28:40	191.059	0	9	RUN	1	255	12# REL	68# 28#	5:2	.01:4	GM108	0 KIPS	5 KIPS	0.00
	191.048						68# 28#				SD40	0 KIPS	0 KIPS	0.00
	191.033						68# 28#				SD40	0 KIPS	-5 KIPS	0.01
	191.021						68# 28#				GONDOLA	-5 KIPS	-5 KIPS	0.01
	190.847						67# 28#				GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.673						67# 28#				GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.498						67# 28#				GONDOLA	0 KIPS	0 KIPS	0.00
	191.061	0	9	RUN	1	255	12# REL	68# 28#	10:3	.00:	GM108	0 KIPS	8 KIPS	0.00
	191.048						68# 28#				SD40	10 KIPS	10 KIPS	0.00
	191.036						68# 28#				SD40	-5 KIPS	-5 KIPS	0.00
0:28:42	191.024						68# 28#				GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.850						67# 28#				GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.675						67# 28#				GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.501						67# 28#				GONDOLA	-1 KIPS	0 KIPS	0.00
	191.064	0	9	RUN	1	255	12# REL	68# 28#	-7:4	.00:	GM108	0 KIPS	8 KIPS	0.00
	191.051						68# 28#				SD40	6 KIPS	3 KIPS	0.00
	191.038						68# 28#				SD40	-7 KIPS	-7 KIPS	0.00
	191.026						68# 28#				GONDOLA	-3 KIPS	-6 KIPS	0.00
	190.852						67# 28#				GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.678						67# 28#				GONDOLA	-3 KIPS	-3 KIPS	0.00
0:28:43	190.503						67# 28#				GONDOLA	-3 KIPS	0 KIPS	0.00
	191.068	0	8	RUN	1	255	12# REL	68# 28#	5:2	.00:	GM108	0 KIPS	8 KIPS	0.00
	191.053						68# 28#				SD40	5 KIPS	5 KIPS	0.00
	191.041						68# 28#				SD40	0 KIPS	0 KIPS	0.00
	191.029						68# 28#				GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.854						67# 28#				GONDOLA	-3 KIPS	-4 KIPS	0.00
	190.680						67# 28#				GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.508						67# 28#				GONDOLA	-2 KIPS	0 KIPS	0.00
	191.069	0	8	RUN	1	255	12# REL	68# 28#	5:2	.00:	GM108	0 KIPS	5 KIPS	0.00
	191.056						68# 28#				SD40	5 KIPS	0 KIPS	0.00
0:28:44	191.043						68# 28#				SD40	0 KIPS	0 KIPS	0.00
	191.031						68# 28#				GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.857						67# 28#				GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.682						67# 28#				GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.508						67# 28#				GONDOLA	0 KIPS	0 KIPS	0.00
	191.071	0	8	RUN	1	255	12# REL	68# 28#	5:2	.00:	GM108	0 KIPS	5 KIPS	0.00
	191.058						68# 28#				SD40	5 KIPS	0 KIPS	0.00
	191.045						68# 28#				SD40	0 KIPS	-4 KIPS	0.00
	191.033						68# 28#				GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.859						67# 28#				GONDOLA	-3 KIPS	-3 KIPS	0.00
0:28:45	190.685						67# 28#				GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.510						67# 28#				GONDOLA	0 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING TRN	IND	REL	BRAKES PIPE CYL	PRESSURE	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
												DRABBAR FORCES FORE	DRABBAR FORCES AFT	
0:28:46	191.073	0	8	RUN	1	255	12#	REL	68# 28#	12:3	.00:	0 KIPS	8 KIPS	0.00
	191.060								68# 28#			0 KIPS	12 KIPS	0.00
	191.048								68# 28#			12 KIPS	-4 KIPS	0.00
	191.036								68# 28#			-4 KIPS	-2 KIPS	0.00
	190.861								67# 28#			-2 KIPS	-1 KIPS	0.00
	190.687								67# 28#			-1 KIPS	0 KIPS	0.00
	190.513								67# 28#			0 KIPS	0 KIPS	0.00
0:28:47	191.075	0	7	RUN	1	255	12#	REL	68# 28#	6:2	.00:	0 KIPS	8 KIPS	0.00
	191.062								68# 28#			8 KIPS	3 KIPS	0.00
	191.050								68# 28#			3 KIPS	0 KIPS	0.00
	191.037								68# 28#			0 KIPS	0 KIPS	0.00
	190.863								67# 28#			0 KIPS	0 KIPS	0.00
	190.689								67# 28#			0 KIPS	0 KIPS	0.00
	190.515								67# 28#			0 KIPS	0 KIPS	0.00
0:28:48	191.077	0	7	RUN	1	255	12#	REL	68# 28#	5:2	.00:	0 KIPS	5 KIPS	0.00
	191.064								68# 28#			5 KIPS	3 KIPS	0.00
	191.052								68# 28#			3 KIPS	0 KIPS	0.00
	191.039								68# 28#			0 KIPS	0 KIPS	0.00
	190.868								67# 28#			0 KIPS	0 KIPS	0.00
	190.691								67# 28#			0 KIPS	0 KIPS	0.00
	190.517								67# 28#			0 KIPS	0 KIPS	0.00
0:28:49	191.079	0	7	RUN	1	255	12#	REL	68# 28#	5:2	.00:	0 KIPS	5 KIPS	0.00
	191.066								68# 28#			5 KIPS	3 KIPS	0.00
	191.054								68# 28#			3 KIPS	0 KIPS	0.00
	191.041								68# 28#			0 KIPS	0 KIPS	0.00
	190.867								67# 28#			0 KIPS	0 KIPS	0.00
	190.693								67# 28#			0 KIPS	0 KIPS	0.00
	190.518								67# 28#			0 KIPS	0 KIPS	0.00
0:28:50	191.081	0	8	RUN	1	255	12#	REL	68# 28#	5:2	.00:	0 KIPS	5 KIPS	0.00
	191.068								68# 28#			5 KIPS	2 KIPS	0.00
	191.055								68# 28#			2 KIPS	0 KIPS	0.00
	191.043								68# 28#			0 KIPS	0 KIPS	0.00
	190.869								67# 28#			0 KIPS	0 KIPS	0.00
	190.695								67# 28#			0 KIPS	0 KIPS	0.00
	190.520								67# 28#			0 KIPS	0 KIPS	0.00
0:28:51	191.082	0	8	RUN	1	255	12#	REL	68# 28#	9:4	.00:	0 KIPS	5 KIPS	0.00
	191.069								68# 28#			5 KIPS	8 KIPS	0.00
	191.057								68# 28#			8 KIPS	9 KIPS	0.00
	191.045								68# 28#			9 KIPS	0 KIPS	0.00
	190.870								67# 28#			0 KIPS	0 KIPS	0.00
	190.698								67# 28#			0 KIPS	0 KIPS	0.00
	190.522								67# 28#			0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THLTL AMPS 255 12#	REL	BRAKES TRN INO PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
0:28:52	191.084	0	8 RUN 1	255 12#	88# 28#	4:2 .00:	1	GM108	0 KIPS	4 KIPS	0.00
	191.071				88# 28#		2	SD40	4 KIPS	2 KIPS	0.00
	191.059				88# 28#		3	SD40	2 KIPS	0 KIPS	0.00
	191.046				88# 28#		4	GONDOLA	0 KIPS	0 KIPS	0.00
	190.872				87# 28#		27	GONDOLA	0 KIPS	0 KIPS	0.00
	190.898				87# 28#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.524				87# 28#		73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28:53	191.086	0	5 RUN 1	255 12#	88# 28#	18:5 .00:	1	GM108	0 KIPS	5 KIPS	0.00
	191.072				88# 28#		2	SD40	5 KIPS	10 KIPS	0.00
	191.060				88# 28#		3	SD40	10 KIPS	15 KIPS	0.00
	191.048				88# 28#		4	GONDOLA	15 KIPS	18 KIPS	0.00
	190.874				87# 28#		27	GONDOLA	0 KIPS	0 KIPS	0.00
	190.898				87# 28#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.525				87# 28#		73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28:54	191.087	0	5 RUN 1	255 12#	88# 28#	23:6 .00:	1	GM108	0 KIPS	5 KIPS	0.00
	191.074				88# 28#		2	SD40	5 KIPS	11 KIPS	0.00
	191.062				88# 28#		3	SD40	11 KIPS	18 KIPS	0.00
	191.049				88# 28#		4	GONDOLA	18 KIPS	20 KIPS	0.00
	190.875				87# 28#		27	GONDOLA	0 KIPS	0 KIPS	0.00
	190.701				87# 28#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.527				87# 28#		73	GONDOLA	0 KIPS	0 KIPS	0.00
-----> IDLE											
-----> CONTINUE UNTIL SPEED REACHES 0 M.P.H.											
0:28:55	191.088	0	5 IDLE	0 12#	REL	-54:5 .00:	1	GM108	0 KIPS	0 KIPS	0.00
	191.075				88# 28#		2	SD40	0 KIPS	0 KIPS	0.00
	191.063				88# 28#		3	SD40	0 KIPS	-48 KIPS	0.00
	191.051				88# 28#		4	GONDOLA	-48 KIPS	-54 KIPS	0.00
	190.876				87# 28#		27	GONDOLA	0 KIPS	0 KIPS	0.00
	190.702				87# 28#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.528				87# 28#		73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28:56	191.080	0	4 IDLE	0 12#	REL	-109:2 .04:3	1	GM108	0 KIPS	-108 KIPS	0.01
	191.077				88# 28#		2	SD40	-108 KIPS	-87 KIPS	0.04
	191.064				88# 28#		3	SD40	-87 KIPS	-65 KIPS	0.04
	191.052				88# 28#		4	GONDOLA	-65 KIPS	-63 KIPS	0.03
	190.878				87# 28#		27	GONDOLA	0 KIPS	0 KIPS	0.00
	190.703				87# 28#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.529				87# 28#		73	GONDOLA	0 KIPS	0 KIPS	0.00
0:28:57	191.081	0	4 IDLE	0 12#	REL	-100:13 .05:3	1	GM108	0 KIPS	-13 KIPS	0.02
	191.078				88# 28#		2	SD40	-13 KIPS	-26 KIPS	0.05
	191.065				88# 28#		3	SD40	-26 KIPS	-38 KIPS	0.05
	191.053				88# 28#		4	GONDOLA	-38 KIPS	-47 KIPS	0.04
	190.879				87# 28#		27	GONDOLA	0 KIPS	0 KIPS	0.00
	190.705				87# 28#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.530				87# 28#		73	GONDOLA	0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THYLE IDLE	AMPS 0 12#	SETTING REL	TRN IND	PIPE CYL	BRAKES PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
												DRAWBAR FORCES FORE	AFT	
0:28:58	191.092	0	3	IDLE	0	12#	REL	88# 28#	-101:18 .06:3	1	GM108	0 KIPS	-8 KIPS	0.02
	191.079							88# 28#		2	SD40	0 KIPS	-16 KIPS	0.05
	191.066							88# 28#		3	SD40	-16 KIPS	-25 KIPS	0.06
	191.054							88# 28#		4	GONDOLA	-25 KIPS	-23 KIPS	0.05
	190.880							67# 28#		27	GONDOLA	0 KIPS	0 KIPS	0.00
	190.706							67# 28#		50	GONDOLA	0 KIPS	0 KIPS	0.00
0:28:59	190.531							67# 28#		73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.093	0	3	IDLE	0	12#	REL	88# 28#	-109:21 .06:3	1	GM108	0 KIPS	0 KIPS	0.02
	191.080							88# 28#		2	SD40	0 KIPS	-18 KIPS	0.05
	191.067							88# 28#		3	SD40	-18 KIPS	-27 KIPS	0.06
	191.055							88# 28#		4	GONDOLA	-27 KIPS	-25 KIPS	0.06
	190.881							67# 28#		27	GONDOLA	0 KIPS	0 KIPS	0.00
0:29:0	190.706							67# 28#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.532							67# 28#		73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.093	0	3	IDLE	0	12#	REL	67# 28#	-109:24 .06:3	1	GM108	0 KIPS	-9 KIPS	0.02
	191.080							67# 28#		2	SD40	-9 KIPS	-19 KIPS	0.06
	191.068							67# 28#		3	SD40	-19 KIPS	-28 KIPS	0.06
	191.056							67# 28#		4	GONDOLA	-28 KIPS	-27 KIPS	0.06
0:29:1	190.882							67# 28#		27	GONDOLA	0 KIPS	0 KIPS	0.00
	190.707							67# 28#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.533							67# 28#		73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.094	0	2	IDLE	0	12#	REL	68# 28#	-111:30 .07:3	1	GM108	0 KIPS	-10 KIPS	0.02
	191.081							68# 28#		2	SD40	-10 KIPS	-19 KIPS	0.06
	191.069							68# 28#		3	SD40	-19 KIPS	-29 KIPS	0.07
0:29:2	191.066							68# 28#		4	GONDOLA	-29 KIPS	-28 KIPS	0.06
	190.882							67# 28#		27	GONDOLA	-107 KIPS	-110 KIPS	0.00
	190.708							67# 28#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.534							67# 28#		73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.095	0	2	IDLE	0	12#	REL	68# 28#	-112:35 .07:3	1	GM108	0 KIPS	-10 KIPS	0.02
	191.082							68# 28#		2	SD40	-10 KIPS	-20 KIPS	0.06
0:29:3	191.069							68# 28#		3	SD40	-20 KIPS	-30 KIPS	0.07
	191.057							68# 28#		4	GONDOLA	-30 KIPS	-29 KIPS	0.06
	190.883							67# 28#		27	GONDOLA	-86 KIPS	-77 KIPS	0.01
	190.708							67# 28#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.534							67# 28#		73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.095	0	1	IDLE	0	12#	REL	68# 28#	-114:39 .07:3	1	GM108	0 KIPS	-10 KIPS	0.02
0:29:4	191.082							68# 28#		2	SD40	-10 KIPS	-20 KIPS	0.06
	191.070							68# 28#		3	SD40	-20 KIPS	-30 KIPS	0.07
	191.057							68# 28#		4	GONDOLA	-30 KIPS	-28 KIPS	0.06
	190.883							67# 28#		27	GONDOLA	-11 KIPS	-22 KIPS	0.01
	190.709							67# 28#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	190.535							67# 28#		73	GONDOLA	0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING TRN IND PIPE CYL	PRESSURE REL	BRAKES (AND LOCATION) KIPS:CAR L/V:CAR	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:29: 4	181.085	0	1	IDLE	0 12# REL	88# 28#	-114:44 .07:3	1	GM10B	0 KIPS	-10 KIPS	0.02
	181.082					88# 28#		2	SD40	-10 KIPS	-20 KIPS	0.08
	181.070					88# 28#		3	SD40	-20 KIPS	-30 KIPS	0.07
	181.088					88# 28#		4	GONDOLA	-30 KIPS	-11 KIPS	0.08
	180.883					87# 28#		27	GONDOLA	-12 KIPS	0 KIPS	0.02
0:29: 5	190.709					87# 28#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	180.535					87# 28#		73	GONDOLA	0 KIPS	0 KIPS	0.00
	181.085	0	0	IDLE	0 12# REL	88# 28#	-114:48 .07:3	1	GM10B	0 KIPS	-10 KIPS	0.02
	181.082					88# 28#		2	SD40	-10 KIPS	-20 KIPS	0.08
	181.070					88# 28#		3	SD40	-20 KIPS	-30 KIPS	0.07
	181.058					88# 28#		4	GONDOLA	-30 KIPS	-14 KIPS	0.08
	180.883					87# 28#		27	GONDOLA	-14 KIPS	0 KIPS	0.02
	190.709					87# 28#		50	GONDOLA	0 KIPS	0 KIPS	0.00
	180.535					87# 28#		73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.535					87# 28#						

-----> STOP COMPUTER RUN

MAXIMUM FORCES FOR THIS CASE

MAX. DRAFT COUPLER FORCE: 232 KIPS ON VEH. 4 AT 0:10:45
MAX. BUFF COUPLER FORCE: -154 KIPS ON VEH. 65 AT 0: 6:24
MAXIMUM L/V : 0.35 ON VEH. 3 AT 0:11:31

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TRAIN SUMMARY

LEAD LOCOMOTIVES	HELPER LOCOMOTIVES	CARS	TRAILING TONNAGE	TOTAL TONNAGE	TOTAL LENGTH
3	0	70	8820	9409	2999'

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VEHICLE LISTING

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1	GM10B		89'	195T		M380	28"	12X50"	COMP/PL	J1.6
2-	3	LOCO (2)	SD40	65'	197T	M380	28"	12X40"	COMP/PL	J1.6
4-	73	CARS (70)	LG4	40'	126T	MK50	29"	8X38"	C.I.	AB

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1	GM10B		69'	195T		M380	28"	12X50"	COMP/PL	J1.8

DYNAMIC BRAKES: NONE

TRANSITION SPEED: 20 MPH

SPEED (MPH):	5	15	30	45	60	75
ENGINE TRACTIVE FORCE:	136558#	135676#	134353#	101248#	75934#	60748#
ENGINE H.P. AT RAIL:	1820	5427	10748	12149	12149	12149
DYNAMIC BRAKE FORCE:	0#	0#	0#	0#	0#	0#
DYNAMIC H.P. AT RAIL:	0	0	0	0	0	0

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STATION TIME	MP	SPEED LMT RUN	THTLE AMPS SETTING	PRESSURE TRN IND PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
-----> USE WIDE CARRIAGE FORMAT FOR OUTPUT DATA										
-----> PRINT OUT (AT LEAST) EVERY 10 SECONDS										
-----> USE 80 P.S.I. BRAKE PIPE PRESSURE										
-----> LEAKAGE = 2 P.S.I. PER MINUTE										
-----> PRINT OUT FORCES ON VEHICLE 1										
-----> PRINT OUT FORCES ON VEHICLE 2										
-----> PRINT OUT FORCES ON VEHICLE 3										
-----> PRINT OUT FORCES ON VEHICLE 4										
-----> PRINT OUT FORCES ON VEHICLE 27										
-----> PRINT OUT FORCES ON VEHICLE 50										
-----> PRINT OUT FORCES ON VEHICLE 73										
-----> SAND										
-----> RUN 1										
-----> CONTINUE FOR 280 SECONDS										
-----> TRAIN STARTING AT-0.30% GRADE										
0: 0: 0	182.880	0	0	0	0	1	GM10B	0 KIPS	-53 KIPS	0.02
	182.897					2	SD40	-53 KIPS	-54 KIPS	0.02
	182.855					3	SD40	58 KIPS	58 KIPS	0.00
	182.842					4	GONDOLA	0 KIPS	0 KIPS	0.10
	182.868					27	GONDOLA	0 KIPS	0 KIPS	0.10
	182.894					50	GONDOLA	0 KIPS	0 KIPS	0.10
	182.494					73	GONDOLA	0 KIPS	0 KIPS	0.10
0: 0: 10	182.320					1	GM10B	0 KIPS	99 KIPS	0.00
	182.882	0	1	0	0	2	SD40	99 KIPS	95 KIPS	0.00
	182.868					3	SD40	95 KIPS	103 KIPS	0.01
	182.856					4	GONDOLA	103 KIPS	124 KIPS	0.10
	182.844					27	GONDOLA	220 KIPS	223 KIPS	0.10
	182.670					50	GONDOLA	210 KIPS	208 KIPS	0.10
	182.485					73	GONDOLA	218 KIPS	0 KIPS	0.10
0: 0: 20	182.321					1	GM10B	0 KIPS	15 KIPS	0.00
	182.886	0	2	0	0	2	SD40	15 KIPS	43 KIPS	0.00
	182.873					3	SD40	43 KIPS	70 KIPS	0.00
	182.861					4	GONDOLA	70 KIPS	69 KIPS	0.10
	182.848					27	GONDOLA	47 KIPS	46 KIPS	0.10
	182.674					50	GONDOLA	24 KIPS	23 KIPS	0.10
	182.500					73	GONDOLA	1 KIPS	0 KIPS	0.10
0: 0: 30	182.326					1	GM10B	0 KIPS	16 KIPS	0.00
	182.893	0	3	0	0	2	SD40	16 KIPS	38 KIPS	0.00
	182.880					3	SD40	36 KIPS	57 KIPS	0.00
	182.868					4	GONDOLA	57 KIPS	57 KIPS	0.01
	182.856					27	GONDOLA	39 KIPS	38 KIPS	0.10
	182.681					50	GONDOLA	20 KIPS	19 KIPS	0.10
	182.507					73	GONDOLA	1 KIPS	0 KIPS	0.10
	182.333									
-----> TRAIN ENTERING-0.31 % GRADE										

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STATION TIME	MP	SPEED LMT RUN	THTLT AMP'S TRN INO PIPE CVL	BRKES SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0: 0:40	182.903	0	4 RUN 1	255 REL REL	80# 0# 49:4 10:7	1	GM10B	0 KIPS	18 KIPS	0.00
	182.890				80# 0#	2	SD40	18 KIPS	33 KIPS	0.00
	182.877				80# 0#	3	SD40	33 KIPS	49 KIPS	0.00
	182.865				80# 0#	4	GONDOLA	49 KIPS	49 KIPS	0.00
	182.851				80# 0#	27	GONDOLA	34 KIPS	33 KIPS	0.10
	182.817				80# 0#	50	GONDOLA	17 KIPS	18 KIPS	0.10
	182.342				80# 0#	73	GONDOLA	1 KIPS	0 KIPS	0.10
0: 0:50	182.915	0	5 RUN 1	255 REL REL	80# 0# 45:4 10:8	1	GM10B	0 KIPS	18 KIPS	0.00
	182.901				80# 0#	2	SD40	18 KIPS	30 KIPS	0.00
	182.889				80# 0#	3	SD40	30 KIPS	45 KIPS	0.00
	182.877				80# 0#	4	GONDOLA	45 KIPS	45 KIPS	0.00
	182.703				80# 0#	27	GONDOLA	31 KIPS	30 KIPS	0.10
	182.528				80# 0#	50	GONDOLA	16 KIPS	15 KIPS	0.10
	182.354				80# 0#	73	GONDOLA	1 KIPS	0 KIPS	0.10
0: 1: 0	182.928	0	5 RUN 1	255 REL REL	80# 0# 42:4 10:10	1	GM10B	0 KIPS	18 KIPS	0.00
	182.915				80# 0#	2	SD40	18 KIPS	29 KIPS	0.00
	182.903				80# 0#	3	SD40	29 KIPS	42 KIPS	0.00
	182.881				80# 0#	4	GONDOLA	42 KIPS	41 KIPS	0.00
	182.717				80# 0#	27	GONDOLA	29 KIPS	28 KIPS	0.10
	182.542				80# 0#	50	GONDOLA	15 KIPS	14 KIPS	0.10
	182.368				80# 0#	73	GONDOLA	1 KIPS	0 KIPS	0.09
0: 1:10	182.944	0	6 RUN 1	255 REL REL	80# 0# 38:4 10:11	1	GM10B	0 KIPS	18 KIPS	0.00
	182.931				80# 0#	2	SD40	18 KIPS	27 KIPS	0.00
	182.919				80# 0#	3	SD40	27 KIPS	38 KIPS	0.00
	182.907				80# 0#	4	GONDOLA	38 KIPS	38 KIPS	0.00
	182.732				80# 0#	27	GONDOLA	27 KIPS	27 KIPS	0.10
	182.558				80# 0#	50	GONDOLA	14 KIPS	13 KIPS	0.10
	182.384				80# 0#	73	GONDOLA	1 KIPS	0 KIPS	0.09
0: 1:20	182.982	0	7 RUN 1	255 REL REL	80# 0# 38:4 10:13	1	GM10B	0 KIPS	18 KIPS	0.00
	182.949				80# 0#	2	SD40	18 KIPS	28 KIPS	0.00
	182.937				80# 0#	3	SD40	28 KIPS	38 KIPS	0.00
	182.925				80# 0#	4	GONDOLA	38 KIPS	38 KIPS	0.00
	182.780				80# 0#	27	GONDOLA	28 KIPS	28 KIPS	0.10
	182.578				80# 0#	50	GONDOLA	13 KIPS	13 KIPS	0.10
	182.402				80# 0#	73	GONDOLA	1 KIPS	0 KIPS	0.09
0: 1:30	182.982	0	7 RUN 1	255 REL REL	80# 0# 34:4 10:18	1	GM10B	0 KIPS	18 KIPS	0.00
	182.969				80# 0#	2	SD40	18 KIPS	28 KIPS	0.00
	182.957				80# 0#	3	SD40	28 KIPS	34 KIPS	0.00
	182.944				80# 0#	4	GONDOLA	34 KIPS	33 KIPS	0.00
	182.770				80# 0#	27	GONDOLA	25 KIPS	25 KIPS	0.10
	182.596				80# 0#	50	GONDOLA	13 KIPS	12 KIPS	0.10
	182.422				80# 0#	73	GONDOLA	1 KIPS	0 KIPS	0.09

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS 1	255 REL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES AFT	DRAMBAR FORCES AFT	
0: 1:40	183.004	0	8	1	255	REL	32:4 10:18	1	GM10B	0 KIPS	18 KIPS	0.00
	182.991							2	SD40	16 KIPS	24 KIPS	0.00
	182.978							3	SD40	24 KIPS	32 KIPS	0.00
	182.968							4	GONDOLA	32 KIPS	32 KIPS	0.00
	182.792							27	GONDOLA	24 KIPS	24 KIPS	0.10
	182.618							50	GONDOLA	12 KIPS	12 KIPS	0.09
	182.443							73	GONDOLA	0 KIPS	0 KIPS	0.09
0: 1:50	183.027	0	9	1	255	REL	30:4 10:23	1	GM10B	0 KIPS	16 KIPS	0.00
	183.014							2	SD40	16 KIPS	23 KIPS	0.00
	183.002							3	SD40	23 KIPS	30 KIPS	0.00
	182.990							4	GONDOLA	30 KIPS	30 KIPS	0.00
	182.815							27	GONDOLA	24 KIPS	24 KIPS	0.10
	182.641							50	GONDOLA	12 KIPS	12 KIPS	0.09
	182.487							73	GONDOLA	1 KIPS	0 KIPS	0.09
0: 2: 0	183.083	0	9	1	255	REL	29:4 10:24	1	GM10B	0 KIPS	16 KIPS	0.00
	183.040							2	SD40	16 KIPS	22 KIPS	0.00
	183.027							3	SD40	22 KIPS	29 KIPS	0.00
	183.015							4	GONDOLA	29 KIPS	29 KIPS	0.00
	182.841							27	GONDOLA	24 KIPS	23 KIPS	0.10
	182.667							50	GONDOLA	12 KIPS	12 KIPS	0.09
	182.492							73	GONDOLA	1 KIPS	0 KIPS	0.09
0: 2: 10	183.080	0	10	1	255	REL	28:4 10:28	1	GM10B	0 KIPS	16 KIPS	0.00
	183.067							2	SD40	16 KIPS	22 KIPS	0.00
	183.055							3	SD40	22 KIPS	28 KIPS	0.00
	183.042							4	GONDOLA	28 KIPS	28 KIPS	0.00
	182.868							27	GONDOLA	24 KIPS	24 KIPS	0.09
	182.694							50	GONDOLA	12 KIPS	12 KIPS	0.09
	182.520							73	GONDOLA	1 KIPS	0 KIPS	0.09
0: 2: 20	183.108	0	11	1	255	REL	27:4 10:31	1	GM10B	0 KIPS	16 KIPS	0.00
	183.096							2	SD40	16 KIPS	22 KIPS	0.00
	183.084							3	SD40	22 KIPS	27 KIPS	0.00
	183.071							4	GONDOLA	27 KIPS	27 KIPS	0.00
	182.897							27	GONDOLA	23 KIPS	23 KIPS	0.00
	182.723							50	GONDOLA	13 KIPS	12 KIPS	0.09
	182.549							73	GONDOLA	1 KIPS	0 KIPS	0.09
0: 2: 30	183.140	0	11	1	255	REL	28:4 09:36	1	GM10B	0 KIPS	16 KIPS	0.00
	183.127							2	SD40	16 KIPS	21 KIPS	0.00
	183.115							3	SD40	21 KIPS	28 KIPS	0.00
	183.102							4	GONDOLA	28 KIPS	28 KIPS	0.00
	182.928							27	GONDOLA	22 KIPS	22 KIPS	0.00
	182.754							50	GONDOLA	13 KIPS	12 KIPS	0.09
	182.580							73	GONDOLA	1 KIPS	0 KIPS	0.09

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STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS 1	255 REL	254 REL	REL	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
								TRN IND	PIPE CYL				DRAMBAR FORCES FORE	DRAMBAR FORCES AFT		
0: 2:40	183.173	0	12	1	255	REL	REL	80#	0#	28:4	.09:39	1	GM108	0 KIPS	16 KIPS	0.00
	183.160							80#	0#			2	SD40	16 KIPS	21 KIPS	0.00
	183.148							80#	0#			3	SD40	21 KIPS	26 KIPS	0.00
	183.135							80#	0#			4	GONDOLA	26 KIPS	28 KIPS	0.00
	182.981							80#	0#			27	GONDOLA	21 KIPS	21 KIPS	0.00
0: 2:50	182.787							80#	0#			50	GONDOLA	13 KIPS	13 KIPS	0.08
	182.613							80#	0#			73	GONDOLA	0 KIPS	0 KIPS	0.08
	183.208	0	13	1	254	REL	REL	80#	0#	25:4	.09:45	1	GM108	0 KIPS	16 KIPS	0.00
	183.195							80#	0#			2	SD40	16 KIPS	20 KIPS	0.00
	183.182							80#	0#			3	SD40	20 KIPS	25 KIPS	0.00
0: 3: 0	183.170							80#	0#			4	GONDOLA	25 KIPS	25 KIPS	0.00
	182.998							80#	0#			27	GONDOLA	20 KIPS	20 KIPS	0.00
	182.822							80#	0#			50	GONDOLA	13 KIPS	13 KIPS	0.08
	182.647							80#	0#			73	GONDOLA	0 KIPS	0 KIPS	0.08
	183.244	0	14	1	254	REL	REL	80#	0#	24:4	.08:48	1	GM108	0 KIPS	16 KIPS	0.00
0: 3:10	183.231							80#	0#			2	SD40	18 KIPS	20 KIPS	0.00
	183.219							80#	0#			3	SD40	20 KIPS	24 KIPS	0.00
	183.207							80#	0#			4	GONDOLA	24 KIPS	24 KIPS	0.00
	183.032							80#	0#			27	GONDOLA	19 KIPS	19 KIPS	0.00
	182.858							80#	0#			50	GONDOLA	14 KIPS	13 KIPS	0.08
0: 3:10	182.684							80#	0#			73	GONDOLA	0 KIPS	0 KIPS	0.08
	183.283	0	14	1	253	REL	REL	80#	0#	24:4	.09:53	1	GM108	0 KIPS	16 KIPS	0.00
	183.270							80#	0#			2	SD40	16 KIPS	20 KIPS	0.00
	183.258							80#	0#			3	SD40	20 KIPS	24 KIPS	0.00
	183.245							80#	0#			4	GONDOLA	24 KIPS	24 KIPS	0.00
0: 3:20	183.071							80#	0#			27	GONDOLA	18 KIPS	18 KIPS	0.00
	182.897							80#	0#			50	GONDOLA	13 KIPS	13 KIPS	0.00
	182.723							80#	0#			73	GONDOLA	0 KIPS	0 KIPS	0.08
	183.324	0	15	1	253	REL	REL	80#	0#	23:4	.09:58	1	GM108	0 KIPS	18 KIPS	0.00
	183.311							80#	0#			2	SD40	16 KIPS	19 KIPS	0.00
0: 3:30	183.298							80#	0#			3	SD40	19 KIPS	23 KIPS	0.00
	183.286							80#	0#			4	GONDOLA	23 KIPS	23 KIPS	0.00
	183.112							80#	0#			27	GONDOLA	18 KIPS	17 KIPS	0.00
	182.938							80#	0#			50	GONDOLA	12 KIPS	12 KIPS	0.00
	182.763							80#	0#			73	GONDOLA	0 KIPS	0 KIPS	0.08
0: 3:30	183.387	0	18	1	252	REL	REL	80#	0#	23:4	.09:54	1	GM108	0 KIPS	16 KIPS	0.00
	183.353							80#	0#			2	SD40	16 KIPS	19 KIPS	0.00
	183.341							80#	0#			3	SD40	19 KIPS	23 KIPS	0.00
	183.329							80#	0#			4	GONDOLA	23 KIPS	22 KIPS	0.00
	183.155							80#	0#			27	GONDOLA	17 KIPS	16 KIPS	0.00
	182.980							80#	0#			50	GONDOLA	10 KIPS	10 KIPS	0.00
	182.806							80#	0#			73	GONDOLA	1 KIPS	0 KIPS	0.08

STATION TIME	MP	SPEED LMT RUN	THYR RUN	AMPS TRN	IN IND	PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRABAR FORCES FORE	AFT	L/V RATIO
0: 3:40	183.411	0	17 RUN 1	252	REL	REL	80# 0# 22:4 .08:89	1	GM108	0 KIPS	18 KIPS	0.00
	183.398						80# 0#	2	SD40	18 KIPS	19 KIPS	0.00
	183.386						80# 0#	3	SD40	19 KIPS	22 KIPS	0.00
	183.374						80# 0#	4	GONDOLA	22 KIPS	22 KIPS	0.00
	183.198						80# 0#	27	GONDOLA	18 KIPS	18 KIPS	0.00
	183.025						80# 0#	50	GONDOLA	9 KIPS	9 KIPS	0.00
	182.851						80# 0#	73	GONDOLA	1 KIPS	0 KIPS	0.08
0: 3:50	183.458	0	17 RUN 1	251	REL	REL	80# 0# 22:4 .00:	1	GM108	0 KIPS	15 KIPS	0.00
	183.445						80# 0#	2	SD40	15 KIPS	19 KIPS	0.00
	183.433						80# 0#	3	SD40	19 KIPS	22 KIPS	0.00
	183.421						80# 0#	4	GONDOLA	22 KIPS	21 KIPS	0.00
	183.246						80# 0#	27	GONDOLA	15 KIPS	14 KIPS	0.00
	183.072						80# 0#	50	GONDOLA	8 KIPS	7 KIPS	0.00
	182.898						80# 0#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0: 4: 0	183.908	0	18 RUN 1	251	REL	REL	80# 0# 21:4 .00:	1	GM108	0 KIPS	15 KIPS	0.00
	183.484						80# 0#	2	SD40	15 KIPS	18 KIPS	0.00
	183.482						80# 0#	3	SD40	18 KIPS	21 KIPS	0.00
	183.470						80# 0#	4	GONDOLA	21 KIPS	14 KIPS	0.00
	183.286						80# 0#	27	GONDOLA	7 KIPS	7 KIPS	0.00
	183.121						80# 0#	50	GONDOLA	0 KIPS	0 KIPS	0.00
	182.847						80# 0#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0: 4:10	183.859	0	19 RUN 1	250	REL	REL	80# 0# 21:4 .00:	1	GM108	0 KIPS	15 KIPS	0.00
	183.846						80# 0#	2	SD40	15 KIPS	18 KIPS	0.00
	183.833						80# 0#	3	SD40	18 KIPS	21 KIPS	0.00
	183.821						80# 0#	4	GONDOLA	21 KIPS	14 KIPS	0.00
	183.347						80# 0#	27	GONDOLA	7 KIPS	7 KIPS	0.00
	183.173						80# 0#	50	GONDOLA	0 KIPS	0 KIPS	0.00
	182.998						80# 0#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0: 4:20	183.612	0	20 RUN 1	250	REL	REL	80# 0# 21:4 .00:	1	GM108	0 KIPS	15 KIPS	0.00
	183.598						80# 0#	2	SD40	15 KIPS	18 KIPS	0.00
	183.587						80# 0#	3	SD40	18 KIPS	21 KIPS	0.00
	183.574						80# 0#	4	GONDOLA	21 KIPS	14 KIPS	0.00
	183.400						80# 0#	27	GONDOLA	7 KIPS	7 KIPS	0.00
	183.228						80# 0#	50	GONDOLA	0 KIPS	0 KIPS	0.00
	183.052						80# 0#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0: 4:30	183.867	0	20 RUN 1	249	REL	REL	80# 0# 20:4 .00:	1	GM108	0 KIPS	15 KIPS	0.00
	183.854						80# 0#	2	SD40	15 KIPS	18 KIPS	0.00
	183.842						80# 0#	3	SD40	18 KIPS	20 KIPS	0.00
	183.630						80# 0#	4	GONDOLA	20 KIPS	13 KIPS	0.00
	183.458						80# 0#	27	GONDOLA	7 KIPS	7 KIPS	0.00
	183.281						80# 0#	50	GONDOLA	0 KIPS	0 KIPS	0.00
	183.107						80# 0#	73	GONDOLA	0 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMP'S 1	SETTING 236	REL REL	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO	
							TRN	IND PIPE CYL				FORE	AFT		
0: 4:40	183.725	0	21	RUN	1	236	REL	REL	80# 0#	20:4	.00:	1	1	18 KIPS	0.00
	183.712								80# 0#			2	2	18 KIPS	0.00
	183.699								80# 0#			3	3	20 KIPS	0.00
	183.687								80# 0#			4	4	20 KIPS	0.00
	183.613								80# 0#			27	27	13 KIPS	0.00
	183.339								80# 0#			50	50	7 KIPS	0.00
	183.164								80# 0#			73	73	0 KIPS	0.00
-----> RUN 3															
0: 4:41	183.731	0	21	RUN	3	283	REL	REL	80# 0#	20:4	.00:	1	1	15 KIPS	0.00
	183.718								80# 0#			2	2	17 KIPS	0.00
	183.705								80# 0#			3	3	20 KIPS	0.00
	183.693								80# 0#			4	4	20 KIPS	0.00
	183.619								80# 0#			27	27	13 KIPS	0.00
	183.344								80# 0#			50	50	7 KIPS	0.00
	183.170								80# 0#			73	73	0 KIPS	0.00
0: 4:42	183.737	0	21	RUN	3	294	REL	REL	80# 0#	25:4	.00:	1	1	18 KIPS	0.00
	183.723								80# 0#			2	2	21 KIPS	0.00
	183.711								80# 0#			3	3	25 KIPS	0.00
	183.699								80# 0#			4	4	25 KIPS	0.00
	183.625								80# 0#			27	27	17 KIPS	0.00
	183.350								80# 0#			50	50	8 KIPS	0.00
	183.176								80# 0#			73	73	0 KIPS	0.00
0: 4:50	183.785	0	22	RUN	3	568	REL	REL	80# 0#	72:4	.00:	1	1	41 KIPS	0.00
	183.771								80# 0#			2	2	58 KIPS	0.00
	183.759								80# 0#			3	3	72 KIPS	0.00
	183.747								80# 0#			4	4	71 KIPS	0.00
	183.673								80# 0#			27	27	47 KIPS	0.00
	183.398								80# 0#			50	50	24 KIPS	0.00
	183.224								80# 0#			73	73	0 KIPS	0.00
-----> TRAIN ENTERING 3.00 DEGREE CURVE															
0: 5: 0	183.848	0	23	RUN	3	568	REL	REL	80# 0#	71:4	.13:1	1	1	40 KIPS	0.13
	183.835								80# 0#			2	2	58 KIPS	0.13
	183.822								80# 0#			3	3	71 KIPS	0.13
	183.810								80# 0#			4	4	70 KIPS	0.10
	183.636								80# 0#			27	27	47 KIPS	0.00
	183.462								80# 0#			50	50	23 KIPS	0.00
	183.287								80# 0#			73	73	0 KIPS	0.00
0: 5: 10	183.815	0	25	RUN	3	564	REL	REL	80# 0#	68:4	.13:3	1	1	41 KIPS	0.13
	183.802								80# 0#			2	2	54 KIPS	0.13
	183.890								80# 0#			3	3	58 KIPS	0.13
	183.877								80# 0#			4	4	67 KIPS	0.10
	183.703								80# 0#			27	27	44 KIPS	0.00
	183.529								80# 0#			50	50	23 KIPS	0.00
	183.354								80# 0#			73	73	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 3	SETTING REL	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
						TRN IND	PIPE CYL				DRAMBAR FORCES FORE	DRAMBAR FORCES AFT			
0: 5:11	183.922	0	25	RUN	3	564	REL	80# 0#	52:4	12:2	1	GM108	0 KIPS	40 KIPS	0.12
	183.909							80# 0#			2	SD40	40 KIPS	46 KIPS	0.12
	183.896							80# 0#			3	SD40	46 KIPS	52 KIPS	0.12
	183.884							80# 0#			4	GONDOLA	52 KIPS	51 KIPS	0.08
	183.710							80# 0#			27	GONDOLA	32 KIPS	32 KIPS	0.00
	183.535							80# 0#			50	GONDOLA	16 KIPS	16 KIPS	0.00
	183.361							80# 0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
0: 5:12	183.928	0	25	RUN	3	563	REL	80# 0#	55:4	12:2	1	GM108	0 KIPS	40 KIPS	0.12
	183.915							80# 0#			2	SD40	40 KIPS	48 KIPS	0.12
	183.903							80# 0#			3	SD40	48 KIPS	55 KIPS	0.12
	183.891							80# 0#			4	GONDOLA	55 KIPS	54 KIPS	0.09
	183.717							80# 0#			27	GONDOLA	34 KIPS	33 KIPS	0.00
	183.542							80# 0#			50	GONDOLA	17 KIPS	17 KIPS	0.00
	183.368							80# 0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
0: 5:20	183.985	0	26	RUN	3	562	REL	80# 0#	65:4	12:2	1	GM108	0 KIPS	40 KIPS	0.12
	183.972							80# 0#			2	SD40	40 KIPS	53 KIPS	0.12
	183.960							80# 0#			3	SD40	53 KIPS	65 KIPS	0.12
	183.847							80# 0#			4	GONDOLA	65 KIPS	64 KIPS	0.09
	183.773							80# 0#			27	GONDOLA	39 KIPS	38 KIPS	0.00
	183.598							80# 0#			50	GONDOLA	21 KIPS	20 KIPS	0.00
	183.425							80# 0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
SDG M 184															
0: 5:22	184.000	0	26	RUN	3	561	REL	80# 0#	65:4	12:3	1	GM108	0 KIPS	40 KIPS	0.12
	183.987							80# 0#			2	SD40	40 KIPS	52 KIPS	0.12
	183.975							80# 0#			3	SD40	52 KIPS	65 KIPS	0.12
	183.862							80# 0#			4	GONDOLA	65 KIPS	64 KIPS	0.09
	183.788							80# 0#			27	GONDOLA	39 KIPS	38 KIPS	0.08
	183.614							80# 0#			50	GONDOLA	20 KIPS	19 KIPS	0.00
	183.440							80# 0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.00 DEGREE CURVE															
0: 5:30	184.088	0	27	RUN	3	560	REL	80# 0#	65:4	13:3	1	GM108	0 KIPS	40 KIPS	0.12
	184.045							80# 0#			2	SD40	40 KIPS	53 KIPS	0.13
	184.033							80# 0#			3	SD40	53 KIPS	65 KIPS	0.13
	184.021							80# 0#			4	GONDOLA	65 KIPS	64 KIPS	0.10
	183.846							80# 0#			27	GONDOLA	40 KIPS	38 KIPS	0.08
	183.672							80# 0#			50	GONDOLA	20 KIPS	19 KIPS	0.00
	183.498							80# 0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
0: 5:37	184.110	0	28	RUN	3	559	REL	80# 0#	65:4	09:7	1	GM108	0 KIPS	40 KIPS	0.00
	184.087							80# 0#			2	SD40	40 KIPS	53 KIPS	0.00
	184.085							80# 0#			3	SD40	53 KIPS	65 KIPS	0.00
	184.072							80# 0#			4	GONDOLA	65 KIPS	64 KIPS	0.00
	183.898							80# 0#			27	GONDOLA	42 KIPS	41 KIPS	0.08
	183.724							80# 0#			50	GONDOLA	19 KIPS	18 KIPS	0.00
	183.550							80# 0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
-----> RUN 4															

STATION TIME	MP	SPEED LMT RUN	THLTL TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO			
										DRAMBAR FORCES FORE	DRAMBAR FORCES AFT				
0: 5:38	184.118	0	28	RUN	4	568	REL REL	80# 0#	84:4	08:14	1	GM108	0 KIPS	40 KIPS	0.00
	184.105							80# 0#			2	SD40	40 KIPS	52 KIPS	0.00
	184.092							80# 0#			3	SD40	52 KIPS	84 KIPS	0.00
	184.080							80# 0#			4	GONDOLA	84 KIPS	83 KIPS	0.00
	183.908							80# 0#			27	GONDOLA	42 KIPS	41 KIPS	0.08
	183.732							80# 0#			50	GONDOLA	19 KIPS	18 KIPS	0.00
	183.557							80# 0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 1.31 % GRADE															
0: 5:40	184.135	0	28	RUN	4	668	REL REL	80# 0#	70:4	08:16	1	GM108	0 KIPS	43 KIPS	0.00
	184.122							80# 0#			2	SD40	43 KIPS	58 KIPS	0.00
	184.110							80# 0#			3	SD40	56 KIPS	70 KIPS	0.00
	184.097							80# 0#			4	GONDOLA	70 KIPS	89 KIPS	0.00
	183.923							80# 0#			27	GONDOLA	48 KIPS	45 KIPS	0.08
	183.748							80# 0#			50	GONDOLA	21 KIPS	20 KIPS	0.00
	183.578							80# 0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
0: 5:50	184.215	0	28	RUN	4	759	REL REL	80# 0#	73:4	08:17	1	GM108	0 KIPS	51 KIPS	0.00
	184.202							80# 0#			2	SD40	51 KIPS	82 KIPS	0.00
	184.190							80# 0#			3	SD40	62 KIPS	73 KIPS	0.00
	184.177							80# 0#			4	GONDOLA	73 KIPS	71 KIPS	0.00
	184.003							80# 0#			27	GONDOLA	48 KIPS	47 KIPS	0.08
	183.828							80# 0#			50	GONDOLA	22 KIPS	21 KIPS	0.08
	183.658							80# 0#			73	GONDOLA	1 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 3.50 DEGREE CURVE															
0: 6: 0	184.297	0	30	RUN	4	755	REL REL	80# 0#	73:4	17:4	1	GM108	0 KIPS	51 KIPS	0.14
	184.284							80# 0#			2	SD40	51 KIPS	82 KIPS	0.12
	184.272							80# 0#			3	SD40	62 KIPS	73 KIPS	0.16
	184.260							80# 0#			4	GONDOLA	73 KIPS	89 KIPS	0.17
	184.085							80# 0#			27	GONDOLA	29 KIPS	28 KIPS	0.07
	183.911							80# 0#			50	GONDOLA	12 KIPS	11 KIPS	0.08
	183.737							80# 0#			73	GONDOLA	0 KIPS	0 KIPS	0.00
0: 6:10	184.381	0	30	RUN	4	755	REL REL	80# 0#	79:4	17:4	1	GM108	0 KIPS	53 KIPS	0.11
	184.367							80# 0#			2	SD40	53 KIPS	86 KIPS	0.12
	184.355							80# 0#			3	SD40	66 KIPS	78 KIPS	0.16
	184.343							80# 0#			4	GONDOLA	78 KIPS	78 KIPS	0.17
	184.169							80# 0#			27	GONDOLA	40 KIPS	36 KIPS	0.00
	183.994							80# 0#			50	GONDOLA	2 KIPS	2 KIPS	0.07
	183.820							80# 0#			73	GONDOLA	0 KIPS	0 KIPS	0.07
0: 6:17	184.440	0	30	RUN	4	759	REL REL	80# 0#	-86:45	17:4	1	GM108	0 KIPS	54 KIPS	0.11
	184.427							80# 0#			2	SD40	54 KIPS	88 KIPS	0.12
	184.415							80# 0#			3	SD40	68 KIPS	82 KIPS	0.16
	184.402							80# 0#			4	GONDOLA	82 KIPS	78 KIPS	0.17
	184.228							80# 0#			27	GONDOLA	22 KIPS	25 KIPS	0.08
	184.054							80# 0#			50	GONDOLA	3 KIPS	3 KIPS	0.07
	183.880							80# 0#			73	GONDOLA	-4 KIPS	0 KIPS	0.07
-----> RUN 6															
-----> CONTINUE UNTIL SPEED REACHES 15 M.P.H.															

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	KIPS:CAR	L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
													DRAMBAR FORCES FORE	DRAMBAR FORCES AFT			
0: 6:18	184.448	0	30	RUN	6	774	REL	REL	80#	0#	-86:47	15:4	1	GM108	0 KIPS	54 KIPS	0.11
	184.435								80#	0#			2	SD40	54 KIPS	67 KIPS	0.12
	184.423								80#	0#			3	SD40	67 KIPS	81 KIPS	0.14
	184.410								80#	0#			4	GONDOLA	81 KIPS	78 KIPS	0.15
	184.236								80#	0#			27	GONDOLA	15 KIPS	12 KIPS	0.08
0: 6:19	184.062								80#	0#			50	GONDOLA	2 KIPS	2 KIPS	0.00
	183.888								80#	0#			73	GONDOLA	0 KIPS	0 KIPS	0.07
	184.456	0	29	RUN	6	792	REL	REL	80#	0#	-121:52	15:4	1	GM108	0 KIPS	55 KIPS	0.11
	184.443								80#	0#			2	SD40	55 KIPS	69 KIPS	0.12
	184.431								80#	0#			3	SD40	69 KIPS	83 KIPS	0.15
0: 6:20	184.419								80#	0#			4	GONDOLA	83 KIPS	80 KIPS	0.15
	184.244								80#	0#			27	GONDOLA	14 KIPS	11 KIPS	0.08
	184.070								80#	0#			50	GONDOLA	-117 KIPS	-113 KIPS	0.01
	183.886								80#	0#			73	GONDOLA	0 KIPS	0 KIPS	0.07
	184.463	0	29	RUN	6	859	REL	REL	80#	0#	-119:53	17:3	1	GM108	0 KIPS	59 KIPS	0.10
0: 6:30	184.450								80#	0#			2	SD40	59 KIPS	76 KIPS	0.13
	184.438								80#	0#			3	SD40	76 KIPS	92 KIPS	0.17
	184.425								80#	0#			4	GONDOLA	92 KIPS	88 KIPS	0.17
	184.251								80#	0#			27	GONDOLA	13 KIPS	10 KIPS	0.08
	184.077								80#	0#			50	GONDOLA	-83 KIPS	-95 KIPS	0.02
0: 6:30	183.903								80#	0#			73	GONDOLA	0 KIPS	0 KIPS	0.07
	184.544	0	29	RUN	6	1108	REL	REL	80#	0#	-154:65	14:2	1	GM108	0 KIPS	82 KIPS	0.11
	184.531								80#	0#			2	SD40	82 KIPS	109 KIPS	0.14
	184.519								80#	0#			3	SD40	109 KIPS	136 KIPS	0.14
	184.506								80#	0#			4	GONDOLA	136 KIPS	133 KIPS	0.08
-----> TRAIN ENTERING 0.00 DEGREE CURVE	184.332								80#	0#			27	GONDOLA	81 KIPS	58 KIPS	0.08
	184.158								80#	0#			50	GONDOLA	-64 KIPS	-76 KIPS	0.04
	183.884								80#	0#			73	GONDOLA	-149 KIPS	0 KIPS	0.08
	184.624	0	28	RUN	6	1118	REL	REL	80#	0#	143:4	21:2	1	GM108	0 KIPS	85 KIPS	0.14
	184.611								80#	0#			2	SD40	85 KIPS	114 KIPS	0.21
0: 6:40	184.598								80#	0#			3	SD40	114 KIPS	143 KIPS	0.21
	184.586								80#	0#			4	GONDOLA	143 KIPS	141 KIPS	0.18
	184.412								80#	0#			27	GONDOLA	81 KIPS	78 KIPS	0.08
	184.237								80#	0#			50	GONDOLA	64 KIPS	61 KIPS	0.08
	184.063								80#	0#			73	GONDOLA	-3 KIPS	0 KIPS	0.08
-----> TRAIN ENTERING 4.00 DEGREE CURVE													1	GM108	0 KIPS	86 KIPS	0.15
0: 6:50	184.700	0	27	RUN	6	1130	REL	REL	80#	0#	148:4	23:3	1	GM108	0 KIPS	86 KIPS	0.15
	184.687								80#	0#			2	SD40	86 KIPS	117 KIPS	0.15
	184.675								80#	0#			3	SD40	117 KIPS	148 KIPS	0.33
	184.662								80#	0#			4	GONDOLA	148 KIPS	146 KIPS	0.27
	184.488								80#	0#			27	GONDOLA	100 KIPS	97 KIPS	0.08
184.314									80#	0#			50	GONDOLA	49 KIPS	48 KIPS	0.08
	184.140								80#	0#			73	GONDOLA	121 KIPS	0 KIPS	0.00

QCM E-D-70/5/ GM108 ELECTRIC ONLY.

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STATION TIME	MP	SPEED LMT RUN	THLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0: 7: 0	184.773	0	25	RUN	8	1143	REL	REL	80#	0#	87 KIPS	0.11
	184.780								80#	0#	120 KIPS	0.15
	184.747								80#	0#	153 KIPS	0.27
	184.735								80#	0#	150 KIPS	0.23
	184.561								80#	0#	101 KIPS	0.09
0: 7: 10	184.387								80#	0#	50 KIPS	0.08
	184.212								80#	0#	0 KIPS	0.00
	184.841	0	24	RUN	8	1157	REL	REL	80#	0#	88 KIPS	0.12
	184.828								80#	0#	122 KIPS	0.15
	184.816								80#	0#	157 KIPS	0.15
0: 7: 20	184.804								80#	0#	154 KIPS	0.10
	184.830								80#	0#	103 KIPS	0.10
	184.455								80#	0#	52 KIPS	0.08
	184.281								80#	0#	0 KIPS	0.08
	184.308	0	23	RUN	8	1171	REL	REL	80#	0#	90 KIPS	0.12
0: 7: 30	184.893								80#	0#	126 KIPS	0.15
	184.881								80#	0#	162 KIPS	0.15
	184.889								80#	0#	159 KIPS	0.11
	184.894								80#	0#	106 KIPS	0.11
	184.520								80#	0#	54 KIPS	0.09
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
-----> TRAIN ENTERING 2.50 DEGREE CURVE												
0: 7: 40	184.987	0	21	RUN	8	1183	REL	REL	80#	0#	90 KIPS	0.22
	184.954								80#	0#	129 KIPS	0.24
	184.942								80#	0#	168 KIPS	0.24
	184.930								80#	0#	168 KIPS	0.21
	184.755								80#	0#	108 KIPS	0.10
0: 7: 50	184.581								80#	0#	58 KIPS	0.10
	184.407								80#	0#	0 KIPS	0.09
	185.025	0	20	RUN	8	1194	REL	REL	80#	0#	91 KIPS	0.08
	185.012								80#	0#	133 KIPS	0.12
	185.000								80#	0#	174 KIPS	0.09
0: 7: 50	184.987								80#	0#	172 KIPS	0.08
	184.813								80#	0#	114 KIPS	0.11
	184.638								80#	0#	58 KIPS	0.10
	184.485								80#	0#	0 KIPS	0.09
	185.079	0	19	RUN	8	1200	REL	REL	80#	0#	91 KIPS	0.08
0: 7: 50	185.066								80#	0#	136 KIPS	0.27
	185.054								80#	0#	182 KIPS	0.27
	185.042								80#	0#	181 KIPS	0.17
	184.868								80#	0#	147 KIPS	0.11
	184.693								80#	0#	112 KIPS	0.11
0: 7: 50	184.519								80#	0#	0 KIPS	0.10
									80#	0#	82 KIPS	0.10
									80#	0#	149 KIPS	0.11
									80#	0#	114 KIPS	0.11
									80#	0#	82 KIPS	0.10

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STATION TIME	MP	SPEED L/A. RUN	THLE AMPS TRN IND	SETTING CYL	PRESSURE REL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRABBAR FORCES FORE	AFT	
0: 8: 0	185.131	0	18	RUN	6	1204	REL	REL	80#	0#	0#	0.08
	185.118								80#	0#	0#	0.11
	185.105								80#	0#	0#	0.10
	185.093								80#	0#	0#	0.09
	184.919								80#	0#	0#	0.13
0: 8: 10	184.745								80#	0#	0#	0.10
	184.570								80#	0#	0#	0.10
	185.179	0	17	RUN	6	1208	REL	REL	80#	0#	0#	0.08
	185.166								80#	0#	0#	0.11
	185.154								80#	0#	0#	0.10
0: 8: 20	185.142								80#	0#	0#	0.09
	184.967								80#	0#	0#	0.11
	184.793								80#	0#	0#	0.10
	184.619								80#	0#	0#	0.10
	185.226	0	16	RUN	6	1211	REL	REL	80#	0#	0#	0.08
0: 8: 30	185.213								80#	0#	0#	0.11
	185.200								80#	0#	0#	0.10
	185.188								80#	0#	0#	0.09
	185.014								80#	0#	0#	0.07
	184.839								80#	0#	0#	0.10
0: 8: 33	184.665								80#	0#	0#	0.10
	185.270	0	15	RUN	6	1214	REL	REL	80#	0#	0#	0.08
	185.258								80#	0#	0#	0.11
	185.244								80#	0#	0#	0.10
	185.232								80#	0#	0#	0.09
0: 8: 33	185.058								80#	0#	0#	0.07
	184.883								80#	0#	0#	0.11
	184.709								80#	0#	0#	0.10
	185.282	0	15	RUN	6	1215	REL	REL	80#	0#	0#	0.08
	185.269								80#	0#	0#	0.11
0: 8: 34	185.257								80#	0#	0#	0.10
	185.245								80#	0#	0#	0.09
	185.070								80#	0#	0#	0.07
	184.898								80#	0#	0#	0.11
	184.722								80#	0#	0#	0.10
-----> RUN 8												
-----> CONTINUE FOR 300 SECONDS												
0: 8: 34	185.287	0	15	RUN	8	1230	REL	REL	80#	0#	0#	0.08
	185.273								80#	0#	0#	0.11
	185.261								80#	0#	0#	0.10
	185.249								80#	0#	0#	0.10
	185.075								80#	0#	0#	0.07
0: 8: 34	184.900								80#	0#	0#	0.11
	184.726								80#	0#	0#	0.10
									80#	0#	0#	0.10
									80#	0#	0#	0.10
									80#	0#	0#	0.10

QCM E-D-70/5/ GM108 ELECTRIC ONLY.

STATION TIME	MP	SPEED LMT RUN	THLTL AMPS TRN INO PIPE	SETTING PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE	AFT	L/V RATIO
0: 8:35	185.291	0	15 RUN 8	1293 REL	REL	1	GM108	0 KIPS	87 KIPS	0.08
	185.278					2	SD40	97 KIPS	155 KIPS	0.12
	185.265					3	SD40	155 KIPS	213 KIPS	0.10
	185.253					4	GONDOLA	213 KIPS	210 KIPS	0.10
	185.079					27	GONDOLA	144 KIPS	141 KIPS	0.07
	184.905					50	GONDOLA	78 KIPS	72 KIPS	0.11
	184.730					73	GONDOLA	3 KIPS	0 KIPS	0.10
0: 8:40	185.312	0	15 RUN 8	1680 REL	REL	1	GM108	0 KIPS	130 KIPS	0.10
	185.298					2	SD40	130 KIPS	188 KIPS	0.12
	185.286					3	SD40	188 KIPS	246 KIPS	0.11
	185.274					4	GONDOLA	246 KIPS	243 KIPS	0.13
	185.100					27	GONDOLA	188 KIPS	183 KIPS	0.07
	184.925					50	GONDOLA	86 KIPS	83 KIPS	0.10
	184.751					73	GONDOLA	4 KIPS	0 KIPS	0.10
0: 8:50	185.353	0	15 RUN 8	1680 REL	REL	1	GM108	0 KIPS	130 KIPS	0.10
	185.340					2	SD40	130 KIPS	189 KIPS	0.11
	185.327					3	SD40	189 KIPS	248 KIPS	0.11
	185.315					4	GONDOLA	248 KIPS	245 KIPS	0.13
	185.141					27	GONDOLA	187 KIPS	184 KIPS	0.07
	184.968					50	GONDOLA	87 KIPS	83 KIPS	0.07
	184.792					73	GONDOLA	4 KIPS	0 KIPS	0.10
0: 9: 0	185.383	0	15 RUN 8	1680 REL	REL	1	GM108	0 KIPS	130 KIPS	0.10
	185.380					2	SD40	130 KIPS	190 KIPS	0.12
	185.368					3	SD40	190 KIPS	250 KIPS	0.11
	185.355					4	GONDOLA	250 KIPS	248 KIPS	0.13
	185.181					27	GONDOLA	188 KIPS	184 KIPS	0.07
	185.007					50	GONDOLA	87 KIPS	83 KIPS	0.07
	184.833					73	GONDOLA	4 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 0.00 DEGREE CURVE										
0: 9:10	185.433	0	14 RUN 8	1680 REL	REL	1	GM108	0 KIPS	131 KIPS	0.20
	185.420					2	SD40	131 KIPS	191 KIPS	0.31
	185.408					3	SD40	191 KIPS	252 KIPS	0.32
	185.396					4	GONDOLA	252 KIPS	248 KIPS	0.24
	185.221					27	GONDOLA	169 KIPS	168 KIPS	0.07
	185.047					50	GONDOLA	87 KIPS	83 KIPS	0.07
	184.873					73	GONDOLA	4 KIPS	0 KIPS	0.10
0: 9:20	185.473	0	14 RUN 8	1680 REL	REL	1	GM108	0 KIPS	131 KIPS	0.00
	185.460					2	SD40	131 KIPS	192 KIPS	0.00
	185.448					3	SD40	192 KIPS	253 KIPS	0.02
	185.435					4	GONDOLA	253 KIPS	249 KIPS	0.06
	185.281					27	GONDOLA	170 KIPS	167 KIPS	0.08
	185.087					50	GONDOLA	87 KIPS	83 KIPS	0.07
	184.913					73	GONDOLA	4 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 3.00 DEGREE CURVE										

STATION TIME	MP	SPEED LMT RUN	THLTL AMPS TRN IND PIPE CYL	BRAKES SETTING PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES		L/V RATIO	
							IDENTIFIER	DRAWBAR FORCES FORE AFT		
0: 9:30	185.513	0	14 RUN 8 1680	REL	80# 0#	1	GM10B	0 KIPS	131 KIPS	0.28
	185.500				80# 0#	2	SD40	131 KIPS	192 KIPS	0.35
	185.487				80# 0#	3	SD40	192 KIPS	253 KIPS	0.33
	185.475				80# 0#	4	GONDOLA	253 KIPS	249 KIPS	0.05
	185.301				80# 0#	27	GONDOLA	171 KIPS	187 KIPS	0.08
	185.127				80# 0#	50	GONDOLA	87 KIPS	84 KIPS	0.07
	184.952				80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.06
0: 9:40	185.552	0	14 RUN 8 1680	REL	80# 0#	1	GM10B	0 KIPS	130 KIPS	0.28
	185.539				80# 0#	2	SD40	130 KIPS	191 KIPS	0.35
	185.527				80# 0#	3	SD40	191 KIPS	252 KIPS	0.38
	185.514				80# 0#	4	GONDOLA	252 KIPS	248 KIPS	0.31
	185.340				80# 0#	27	GONDOLA	171 KIPS	168 KIPS	0.08
	185.168				80# 0#	50	GONDOLA	88 KIPS	84 KIPS	0.07
	184.992				80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.06
0: 9:50	185.591	0	14 RUN 8 1680	REL	80# 0#	1	GM10B	0 KIPS	130 KIPS	0.10
	185.578				80# 0#	2	SD40	130 KIPS	192 KIPS	0.18
	185.568				80# 0#	3	SD40	192 KIPS	253 KIPS	0.13
	185.554				80# 0#	4	GONDOLA	253 KIPS	249 KIPS	0.11
	185.379				80# 0#	27	GONDOLA	172 KIPS	168 KIPS	0.08
	185.205				80# 0#	50	GONDOLA	88 KIPS	84 KIPS	0.07
	185.031				80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.06
0: 10: 0	185.830	0	14 RUN 8 1681	REL	80# 0#	1	GM10B	0 KIPS	130 KIPS	0.10
	185.617				80# 0#	2	SD40	130 KIPS	192 KIPS	0.18
	185.605				80# 0#	3	SD40	192 KIPS	254 KIPS	0.13
	185.593				80# 0#	4	GONDOLA	254 KIPS	250 KIPS	0.11
	185.418				80# 0#	27	GONDOLA	172 KIPS	168 KIPS	0.18
	185.244				80# 0#	50	GONDOLA	88 KIPS	84 KIPS	0.07
	185.070				80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.06
-----> TRAIN ENTERING 0.53 % GRADE										
0: 10: 10	185.689	0	14 RUN 8 1681	REL	80# 0#	1	GM10B	0 KIPS	133 KIPS	0.10
	185.656				80# 0#	2	SD40	133 KIPS	198 KIPS	0.16
	185.644				80# 0#	3	SD40	198 KIPS	262 KIPS	0.13
	185.631				80# 0#	4	GONDOLA	262 KIPS	259 KIPS	0.11
	185.457				80# 0#	27	GONDOLA	175 KIPS	172 KIPS	0.00
	185.283				80# 0#	50	GONDOLA	91 KIPS	87 KIPS	0.07
	185.109				80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.06
-----> TRAIN ENTERING 0.00 DEGREE CURVE										
0: 10: 20	185.708	0	14 RUN 8 1680	REL	80# 0#	1	GM10B	0 KIPS	133 KIPS	0.10
	185.695				80# 0#	2	SD40	133 KIPS	198 KIPS	0.16
	185.683				80# 0#	3	SD40	198 KIPS	263 KIPS	0.20
	185.670				80# 0#	4	GONDOLA	263 KIPS	260 KIPS	0.11
	185.498				80# 0#	27	GONDOLA	181 KIPS	177 KIPS	0.10
	185.322				80# 0#	50	GONDOLA	94 KIPS	90 KIPS	0.07
	185.148				80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.06

OCM E-D-70/5/ GM108 ELECTRIC ONLY.

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STATION TIME	SPEED LMT RUN	THRTLE AMPS TRN IND PIPE CYL	SETTING PRESSURE REL	BRAKES	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRAMBAR FORCES FORE	AFT	
0:10:30	0	14 RUN 8	1680 REL	REL	262:4 .33:3	1	GM108	0 KIPS	133 KIPS	0.00
								133 KIPS	198 KIPS	0.12
								185.734	262 KIPS	0.33
								185.722	187 KIPS	0.25
								185.710	183 KIPS	0.09
0:10:40	0	15 RUN 8	1680 REL	REL	260:4 .24:11	1	GM108	9 KIPS	0 KIPS	0.06
								185.361	133 KIPS	0.00
								185.187	198 KIPS	0.00
								185.788	260 KIPS	0.00
								185.774	258 KIPS	0.00
0:10:50	0	15 RUN 8	1680 REL	REL	257:4 .35:2	1	GM108	260 KIPS	198 KIPS	0.29
								185.762	257 KIPS	0.35
								185.750	198 KIPS	0.33
								185.576	255 KIPS	0.00
								185.401	194 KIPS	0.09
-----> TRAIN ENTERING 3.00 DEGREE CURVE										
0:11:00	0	15 RUN 8	1679 REL	REL	252:4 .35:2	1	GM108	101 KIPS	97 KIPS	0.01
								185.268	0 KIPS	0.06
								185.871	132 KIPS	0.29
								185.858	192 KIPS	0.35
								185.846	252 KIPS	0.17
0:11:10	0	16 RUN 8	1679 REL	REL	247:4 .27:7	1	GM108	250 KIPS	198 KIPS	0.09
								185.833	200 KIPS	0.02
								185.858	101 KIPS	0.06
								185.310	4 KIPS	0.10
								185.915	132 KIPS	0.15
0:11:20	0	17 RUN 8	1678 REL	REL	242:4 .25:14	1	GM108	188 KIPS	187 KIPS	0.12
								185.902	247 KIPS	0.11
								185.889	198 KIPS	0.20
								185.877	104 KIPS	0.08
								185.703	4 KIPS	0.06

QCH E-D-70/5/ GM10B ELECTRIC ONLY.

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STATION TIME	MP	SPEED LMT RUN	THRTLE AMPS TRN IND PIPE	SETTING PRESSURE CYL	BRAKES	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									FOR	FOR	
0:11:30	186.007	0	17	RUN 8	1677 REL REL	80# 0# 238:4	1	GM10B	0 KIPS	131 KIPS	0.10
	185.994				80# 0#	80# 0#	2	SD40	131 KIPS	184 KIPS	0.15
	185.982				80# 0#	80# 0#	3	SD40	184 KIPS	236 KIPS	0.12
	185.970				80# 0#	80# 0#	4	GONDOLA	236 KIPS	234 KIPS	0.10
	185.968				80# 0#	80# 0#	27	GONDOLA	179 KIPS	176 KIPS	0.00
0:11:40	185.921				80# 0#	80# 0#	50	GONDOLA	109 KIPS	105 KIPS	0.08
	185.447				80# 0#	80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.00
	188.057	0	18	RUN 8	1676 REL REL	80# 0# 231:4	1	GM10B	0 KIPS	131 KIPS	0.10
	186.044				80# 0#	80# 0#	2	SD40	131 KIPS	181 KIPS	0.15
	185.031				80# 0#	80# 0#	3	SD40	181 KIPS	231 KIPS	0.12
0:11:50	185.019				80# 0#	80# 0#	4	GONDOLA	231 KIPS	228 KIPS	0.10
	185.845				80# 0#	80# 0#	27	GONDOLA	170 KIPS	167 KIPS	0.21
	185.871				80# 0#	80# 0#	50	GONDOLA	111 KIPS	108 KIPS	0.08
	185.496				80# 0#	80# 0#	73	GONDOLA	5 KIPS	0 KIPS	0.07
	186.108	0	19	RUN 8	1678 REL REL	80# 0# 225:4	1	GM10B	0 KIPS	131 KIPS	0.10
0:12:0	186.085				80# 0#	80# 0#	2	SD40	131 KIPS	178 KIPS	0.15
	186.083				80# 0#	80# 0#	3	SD40	178 KIPS	225 KIPS	0.12
	186.071				80# 0#	80# 0#	4	GONDOLA	225 KIPS	223 KIPS	0.10
	185.898				80# 0#	80# 0#	27	GONDOLA	182 KIPS	158 KIPS	0.08
	185.722				80# 0#	80# 0#	50	GONDOLA	103 KIPS	101 KIPS	0.11
0:12:0	185.548				80# 0#	80# 0#	73	GONDOLA	5 KIPS	0 KIPS	0.07
	186.162	0	20	RUN 8	1675 REL REL	80# 0# 220:4	1	GM10B	0 KIPS	131 KIPS	0.09
	186.149				80# 0#	80# 0#	2	SD40	131 KIPS	175 KIPS	0.14
	186.137				80# 0#	80# 0#	3	SD40	175 KIPS	220 KIPS	0.12
	186.125				80# 0#	80# 0#	4	GONDOLA	220 KIPS	217 KIPS	0.10
0:12:20	185.950				80# 0#	80# 0#	27	GONDOLA	154 KIPS	151 KIPS	0.08
	185.778				80# 0#	80# 0#	50	GONDOLA	91 KIPS	89 KIPS	0.00
	185.602				80# 0#	80# 0#	73	GONDOLA	5 KIPS	0 KIPS	0.07
	186.218	0	21	RUN 8	1672 REL REL	80# 0# 214:4	1	GM10B	0 KIPS	131 KIPS	0.22
	186.206				80# 0#	80# 0#	2	SD40	131 KIPS	172 KIPS	0.28
0:12:20	186.193				80# 0#	80# 0#	3	SD40	172 KIPS	214 KIPS	0.32
	186.181				80# 0#	80# 0#	4	GONDOLA	214 KIPS	211 KIPS	0.23
	186.007				80# 0#	80# 0#	27	GONDOLA	145 KIPS	142 KIPS	0.08
	185.833				80# 0#	80# 0#	50	GONDOLA	78 KIPS	75 KIPS	0.07
	185.658				80# 0#	80# 0#	73	GONDOLA	41 KIPS	0 KIPS	0.07
0:12:20	186.277	0	21	RUN 8	1673 REL REL	80# 0# 208:4	1	GM10B	0 KIPS	131 KIPS	0.00
	186.264				80# 0#	80# 0#	2	SD40	131 KIPS	189 KIPS	0.00
	186.252				80# 0#	80# 0#	3	SD40	189 KIPS	208 KIPS	0.00
	186.239				80# 0#	80# 0#	4	GONDOLA	208 KIPS	205 KIPS	0.00
	186.065				80# 0#	80# 0#	27	GONDOLA	140 KIPS	137 KIPS	0.08
0:12:20	185.891				80# 0#	80# 0#	50	GONDOLA	70 KIPS	67 KIPS	0.07
	185.717				80# 0#	80# 0#	73	GONDOLA	13 KIPS	0 KIPS	0.07
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
-----> TRAIN ENTERING 0.98 % GRADE											
-----> TRAIN ENTERING 3.00 DEGREE CURVE											

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STATION TIME	SPEED LIMIT RUN	THRTLE AMP'S 1872 REL	SETTING PRESSURE 80# 0#	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
							DRABAR FORCES FORE	AFT	
0:12:30	0	22 RUN 6	1872 REL	207:4 19:1	1	GM108	0 KIPS	131 KIPS	0.19
							131 KIPS	169 KIPS	0.18
							169 KIPS	207 KIPS	0.00
							207 KIPS	204 KIPS	0.00
							140 KIPS	137 KIPS	0.07
0:12:40	0	23 RUN 8	1871 REL	198:4 33:2	2	GM108	70 KIPS	67 KIPS	0.07
							3 KIPS	0 KIPS	0.00
							0 KIPS	129 KIPS	0.30
							129 KIPS	163 KIPS	0.33
							163 KIPS	188 KIPS	0.30
0:12:50	0	24 RUN 8	1870 REL	195:4 13:2	3	GM108	188 KIPS	194 KIPS	0.25
							135 KIPS	132 KIPS	0.09
							68 KIPS	66 KIPS	0.07
							3 KIPS	0 KIPS	0.06
							0 KIPS	128 KIPS	0.08
0:13:0	0	24 RUN 8	1870 REL	194:4 17:3	2	GM108	128 KIPS	162 KIPS	0.13
							162 KIPS	195 KIPS	0.11
							185 KIPS	191 KIPS	0.09
							127 KIPS	125 KIPS	0.00
							65 KIPS	63 KIPS	0.07
0:13:1	0	24 RUN 8	1870 REL	195:4 17:3	3	GM108	3 KIPS	0 KIPS	0.06
							0 KIPS	131 KIPS	0.08
							131 KIPS	161 KIPS	0.13
							161 KIPS	184 KIPS	0.17
							194 KIPS	190 KIPS	0.15
0:13:10	0	25 RUN 8	1870 REL	193:4 13:2	4	GM108	117 KIPS	115 KIPS	0.00
							62 KIPS	59 KIPS	0.07
							3 KIPS	0 KIPS	0.06
							0 KIPS	130 KIPS	0.08
							130 KIPS	148 KIPS	0.13
0:13:10	0	25 RUN 8	1870 REL	193:4 13:2	3	GM108	148 KIPS	165 KIPS	0.17
							185 KIPS	182 KIPS	0.15
							93 KIPS	90 KIPS	0.07
							48 KIPS	46 KIPS	0.07
							2 KIPS	0 KIPS	0.06
0:13:10	0	25 RUN 8	1870 REL	193:4 13:2	4	GM108	0 KIPS	130 KIPS	0.08
							130 KIPS	161 KIPS	0.13
							161 KIPS	183 KIPS	0.11
							193 KIPS	190 KIPS	0.10
							115 KIPS	111 KIPS	0.08
0:13:10	0	25 RUN 8	1870 REL	193:4 13:2	50	GM108	55 KIPS	53 KIPS	0.07
							2 KIPS	0 KIPS	0.06
							0 KIPS	130 KIPS	0.08
							130 KIPS	161 KIPS	0.13
							161 KIPS	183 KIPS	0.11
0:13:10	0	25 RUN 8	1870 REL	193:4 13:2	73	GM108	115 KIPS	111 KIPS	0.08
							55 KIPS	53 KIPS	0.07
							2 KIPS	0 KIPS	0.06
							0 KIPS	130 KIPS	0.08
							130 KIPS	161 KIPS	0.13

STATION TIME	SPEED LMT RUN	THLTL AMP'S SETTING	BRAKES TRN IND PIPE CVL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
							DRABBAR FORCES FORE	DRABBAR FORCES AFT	
0:13:20	186.672	0	25 RUN 8 1869 REL	183:4	1	GM10B	0 KIPS	130 KIPS	0.08
	186.659				2	SD40	130 KIPS	182 KIPS	0.13
	186.646				3	SD40	182 KIPS	193 KIPS	0.11
	186.634				4	GONDOLA	193 KIPS	190 KIPS	0.10
	186.460				27	GONDOLA	118 KIPS	115 KIPS	0.08
	186.286				50	GONDOLA	52 KIPS	51 KIPS	0.00
	186.111				73	GONDOLA	2 KIPS	0 KIPS	0.06
-----> TRAIN ENTERING 0.00 DEGREE CURVE									
0:13:30	186.742	0	25 RUN 8 1869 REL	195:4	1	GM10B	0 KIPS	130 KIPS	0.21
	186.728				2	SD40	130 KIPS	163 KIPS	0.28
	186.716				3	SD40	163 KIPS	195 KIPS	0.28
	186.704				4	GONDOLA	195 KIPS	192 KIPS	0.23
	186.530				27	GONDOLA	123 KIPS	120 KIPS	0.08
	186.358				50	GONDOLA	51 KIPS	48 KIPS	0.08
	186.181				73	GONDOLA	2 KIPS	0 KIPS	0.08
0:13:33	186.783	0	25 RUN 8 1869 REL	195:4	1	GM10B	0 KIPS	130 KIPS	0.00
	186.749				2	SD40	130 KIPS	163 KIPS	0.00
	186.737				3	SD40	163 KIPS	195 KIPS	0.00
	186.725				4	GONDOLA	195 KIPS	192 KIPS	0.00
	186.551				27	GONDOLA	125 KIPS	122 KIPS	0.00
	186.378				50	GONDOLA	54 KIPS	51 KIPS	0.07
	186.202				73	GONDOLA	2 KIPS	0 KIPS	0.00
-----> RUN 8									
0:13:34	186.770	0	25 RUN 8 1815 REL	194:4	1	GM10B	0 KIPS	129 KIPS	0.00
	186.756				2	SD40	129 KIPS	161 KIPS	0.00
	186.744				3	SD40	161 KIPS	184 KIPS	0.00
	186.732				4	GONDOLA	184 KIPS	191 KIPS	0.00
	186.558				27	GONDOLA	125 KIPS	121 KIPS	0.08
	186.383				50	GONDOLA	54 KIPS	51 KIPS	0.07
	186.209				73	GONDOLA	2 KIPS	0 KIPS	0.00
0:13:35	186.777	0	25 RUN 8 1389 REL	190:4	1	GM10B	0 KIPS	128 KIPS	0.00
	186.763				2	SD40	128 KIPS	158 KIPS	0.00
	186.751				3	SD40	158 KIPS	190 KIPS	0.00
	186.739				4	GONDOLA	190 KIPS	188 KIPS	0.00
	186.565				27	GONDOLA	121 KIPS	118 KIPS	0.00
	186.390				50	GONDOLA	52 KIPS	48 KIPS	0.07
	186.218				73	GONDOLA	1 KIPS	0 KIPS	0.00
0:13:40	186.811	0	25 RUN 8 1148 REL	182:4	1	GM10B	0 KIPS	117 KIPS	0.00
	186.798				2	SD40	117 KIPS	150 KIPS	0.00
	186.786				3	SD40	150 KIPS	182 KIPS	0.00
	186.774				4	GONDOLA	182 KIPS	178 KIPS	0.00
	186.600				27	GONDOLA	112 KIPS	110 KIPS	0.08
	186.428				50	GONDOLA	47 KIPS	44 KIPS	0.07
	186.251				73	GONDOLA	1 KIPS	0 KIPS	0.00

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STATION TIME	SPEED LMT RUN	THYLE AMPS REL	TRN INO PIPE REL	BRKES SETTING PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES			L/V RATIO
								FOR	DRAWBAR FORCES	AFT	
0:14:30	187.141	0	23 RUN 6 1172 REL	80# 0#	183:4 .08:54	1	GM108	0 KIPS	89 KIPS	89 KIPS	0.00
	187.128			80# 0#		2	SD40	89 KIPS	128 KIPS	128 KIPS	0.00
	187.116			80# 0#		3	SD40	128 KIPS	183 KIPS	183 KIPS	0.00
	187.103			80# 0#		4	GONDOLA	183 KIPS	180 KIPS	180 KIPS	0.00
	186.928			80# 0#		27	GONDOLA	111 KIPS	108 KIPS	108 KIPS	0.00
	186.785			80# 0#		50	GONDOLA	60 KIPS	58 KIPS	58 KIPS	0.00
	186.581			80# 0#		73	GONDOLA	3 KIPS	0 KIPS	0 KIPS	0.06
0:14:40	187.203	0	22 RUN 6 1175 REL	80# 0#	164:4 .07:52	1	GM108	0 KIPS	90 KIPS	90 KIPS	0.00
	187.190			80# 0#		2	SD40	90 KIPS	127 KIPS	127 KIPS	0.00
	187.178			80# 0#		3	SD40	127 KIPS	164 KIPS	164 KIPS	0.00
	187.166			80# 0#		4	GONDOLA	164 KIPS	162 KIPS	162 KIPS	0.00
	186.991			80# 0#		27	GONDOLA	111 KIPS	108 KIPS	108 KIPS	0.00
	186.817			80# 0#		50	GONDOLA	59 KIPS	58 KIPS	58 KIPS	0.00
	186.643			80# 0#		73	GONDOLA	3 KIPS	0 KIPS	0 KIPS	0.06
0:14:50	187.285	0	22 RUN 6 1178 REL	80# 0#	165:4 .07:58	1	GM108	0 KIPS	90 KIPS	90 KIPS	0.00
	187.252			80# 0#		2	SD40	90 KIPS	127 KIPS	127 KIPS	0.00
	187.239			80# 0#		3	SD40	127 KIPS	165 KIPS	165 KIPS	0.00
	187.227			80# 0#		4	GONDOLA	165 KIPS	163 KIPS	163 KIPS	0.00
	187.083			80# 0#		27	GONDOLA	111 KIPS	108 KIPS	108 KIPS	0.00
	186.879			80# 0#		50	GONDOLA	57 KIPS	55 KIPS	55 KIPS	0.00
	186.704			80# 0#		73	GONDOLA	3 KIPS	0 KIPS	0 KIPS	0.06
-----> TRAIN ENTERING 3.00 DEGREE CURVE											
0:15:0	187.326	0	22 RUN 6 1180 REL	80# 0#	165:4 .25:2	1	GM108	0 KIPS	90 KIPS	90 KIPS	0.23
	187.312			80# 0#		2	SD40	90 KIPS	127 KIPS	127 KIPS	0.25
	187.300			80# 0#		3	SD40	127 KIPS	165 KIPS	165 KIPS	0.16
	187.288			80# 0#		4	GONDOLA	165 KIPS	163 KIPS	163 KIPS	0.22
	187.114			80# 0#		27	GONDOLA	111 KIPS	108 KIPS	108 KIPS	0.00
	186.939			80# 0#		50	GONDOLA	57 KIPS	54 KIPS	54 KIPS	0.00
	186.765			80# 0#		73	GONDOLA	2 KIPS	0 KIPS	0 KIPS	0.00
0:15:10	187.386	0	21 RUN 6 1183 REL	80# 0#	166:4 .13:2	1	GM108	0 KIPS	90 KIPS	90 KIPS	0.08
	187.372			80# 0#		2	SD40	90 KIPS	128 KIPS	128 KIPS	0.13
	187.360			80# 0#		3	SD40	128 KIPS	166 KIPS	166 KIPS	0.10
	187.348			80# 0#		4	GONDOLA	166 KIPS	164 KIPS	164 KIPS	0.08
	187.174			80# 0#		27	GONDOLA	110 KIPS	108 KIPS	108 KIPS	0.00
	186.999			80# 0#		50	GONDOLA	56 KIPS	54 KIPS	54 KIPS	0.00
	186.825			80# 0#		73	GONDOLA	2 KIPS	0 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
0:15:20	187.446	0	21 RUN 6 1186 REL	80# 0#	168:4 .25:3	1	GM108	0 KIPS	90 KIPS	90 KIPS	0.15
	187.432			80# 0#		2	SD40	90 KIPS	130 KIPS	130 KIPS	0.23
	187.419			80# 0#		3	SD40	130 KIPS	169 KIPS	169 KIPS	0.25
	187.407			80# 0#		4	GONDOLA	169 KIPS	167 KIPS	167 KIPS	0.21
	187.233			80# 0#		27	GONDOLA	110 KIPS	108 KIPS	108 KIPS	0.00
	187.058			80# 0#		50	GONDOLA	56 KIPS	54 KIPS	54 KIPS	0.00
	186.884			80# 0#		73	GONDOLA	2 KIPS	0 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.00 % GRADE											
-----> TRAIN ENTERING 4.50 DEGREE CURVE											

QCN E-D-70/5/ GM108 ELECTRIC ONLY.

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STATION TIME	MP	SPEED LMT RUN	THITLE AMPS TRN IND PIPE	SETTING PRESSURE REL REL	BRAKES REL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:15:30	187.503	0	21 RUN 6	1188	REL REL	80# 0# 80# 0# 80# 0#	1	GM108	0 KIPS	94 KIPS	0.19
	187.490					80# 0#	2	SD40	94 KIPS	137 KIPS	0.15
	187.478					80# 0#	3	SD40	137 KIPS	177 KIPS	0.04
	187.465					80# 0#	4	GONDOLA	177 KIPS	174 KIPS	0.00
	187.291					80# 0#	27	GONDOLA	116 KIPS	113 KIPS	0.10
	187.117					80# 0#	50	GONDOLA	59 KIPS	58 KIPS	0.00
	186.943					80# 0#	73	GONDOLA	2 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.65 % GRADE											
0:15:40	187.591	0	21 RUN 6	1188	REL REL	80# 0# 80# 0# 80# 0#	1	GM108	0 KIPS	94 KIPS	0.24
	187.548					80# 0#	2	SD40	94 KIPS	137 KIPS	0.28
	187.535					80# 0#	3	SD40	137 KIPS	180 KIPS	0.24
	187.523					80# 0#	4	GONDOLA	180 KIPS	179 KIPS	0.07
	187.349					80# 0#	27	GONDOLA	123 KIPS	120 KIPS	0.00
	187.175					80# 0#	50	GONDOLA	61 KIPS	59 KIPS	0.00
	187.000					80# 0#	73	GONDOLA	3 KIPS	0 KIPS	0.00
0:15:50	187.619	0	21 RUN 6	1190	REL REL	80# 0# 80# 0# 80# 0#	1	GM108	0 KIPS	91 KIPS	0.14
	187.608					80# 0#	2	SD40	91 KIPS	132 KIPS	0.18
	187.593					80# 0#	3	SD40	132 KIPS	172 KIPS	0.18
	187.581					80# 0#	4	GONDOLA	172 KIPS	170 KIPS	0.13
	187.407					80# 0#	27	GONDOLA	127 KIPS	125 KIPS	0.15
	187.232					80# 0#	50	GONDOLA	62 KIPS	60 KIPS	0.00
	187.058					80# 0#	73	GONDOLA	3 KIPS	0 KIPS	0.00
0:16:0	187.676	0	21 RUN 6	1191	REL REL	80# 0# 80# 0# 80# 0#	1	GM108	0 KIPS	91 KIPS	0.14
	187.663					80# 0#	2	SD40	91 KIPS	132 KIPS	0.18
	187.651					80# 0#	3	SD40	132 KIPS	172 KIPS	0.18
	187.638					80# 0#	4	GONDOLA	172 KIPS	170 KIPS	0.13
	187.484					80# 0#	27	GONDOLA	126 KIPS	128 KIPS	0.00
	187.290					80# 0#	50	GONDOLA	64 KIPS	61 KIPS	0.08
	187.116					80# 0#	73	GONDOLA	3 KIPS	0 KIPS	0.00
0:16:10	187.733	0	21 RUN 6	1191	REL REL	80# 0# 80# 0# 80# 0#	1	GM108	0 KIPS	91 KIPS	0.14
	187.720					80# 0#	2	SD40	91 KIPS	132 KIPS	0.18
	187.708					80# 0#	3	SD40	132 KIPS	172 KIPS	0.18
	187.696					80# 0#	4	GONDOLA	172 KIPS	170 KIPS	0.13
	187.521					80# 0#	27	GONDOLA	129 KIPS	127 KIPS	0.13
	187.347					80# 0#	50	GONDOLA	67 KIPS	64 KIPS	0.07
	187.173					80# 0#	73	GONDOLA	3 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
0:16:20	187.791	0	21 RUN 6	1191	REL REL	80# 0# 80# 0# 80# 0#	1	GM108	0 KIPS	91 KIPS	0.17
	187.778					80# 0#	2	SD40	91 KIPS	132 KIPS	0.24
	187.765					80# 0#	3	SD40	132 KIPS	173 KIPS	0.16
	187.753					80# 0#	4	GONDOLA	173 KIPS	170 KIPS	0.13
	187.579					80# 0#	27	GONDOLA	119 KIPS	117 KIPS	0.12
	187.405					80# 0#	50	GONDOLA	70 KIPS	68 KIPS	0.08
	187.230					80# 0#	73	GONDOLA	3 KIPS	0 KIPS	0.00

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STATION TIME	SPEED LMT RUN	THYLE AMPS TRN IND PIPE	BRKES SETTING PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES AFT	L/V RATIO
0:16:30	187.848 187.835 187.823 187.811 187.836 187.802 187.288	0 21 RUN 6 1190 REL REL	80# 0# 80# 0# 80# 0# 80# 0# 80# 0# 80# 0# 80# 0#	174:4 .26:3	1 2 3 4 27 50 73	GM108 SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA	91 KIPS 133 KIPS 174 KIPS 174 KIPS 117 KIPS 69 KIPS 0 KIPS	0.01 0.14 0.28 0.18 0.12 0.00 0.07
0:16:40	187.808 187.893 187.881 187.868 187.894 187.820 187.348	0 21 RUN 6 1198 REL REL	80# 0# 80# 0# 80# 0# 80# 0# 80# 0# 80# 0# 80# 0#	173:4 .17:13	1 2 3 4 27 50 73	GM108 SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA	91 KIPS 132 KIPS 173 KIPS 171 KIPS 117 KIPS 69 KIPS 0 KIPS	0.00 0.00 0.00 0.00 0.12 0.14 0.07
0:16:50	187.965 187.951 187.939 187.927 187.753 187.878 187.404	0 21 RUN 6 1186 REL REL	80# 0# 80# 0# 80# 0# 80# 0# 80# 0# 80# 0# 80# 0#	172:4 .16:23	1 2 3 4 27 50 73	GM108 SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA	91 KIPS 131 KIPS 172 KIPS 170 KIPS 118 KIPS 68 KIPS 0 KIPS	0.00 0.00 0.00 0.00 0.12 0.11 0.07
0:17:0	188.024 188.011 187.998 187.985 187.812 187.638 187.483	-----> TRAIN ENTERING 4.00 DEGREE CURVE 0 21 RUN 6 1183 REL REL	80# 0# 80# 0# 80# 0# 80# 0# 80# 0# 80# 0# 80# 0#	170:4 .27:2	1 2 3 4 27 50 73	GM108 SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA	91 KIPS 130 KIPS 170 KIPS 168 KIPS 118 KIPS 58 KIPS 0 KIPS	0.22 0.27 0.15 0.23 0.12 0.11 0.00
0:17:10	188.084 188.071 188.058 188.045 187.872 187.698 187.523	-----> TRAIN ENTERING 0.85 % GRADE 0 22 RUN 6 1181 REL REL	80# 0# 80# 0# 80# 0# 80# 0# 80# 0# 80# 0# 80# 0#	168:4 .22:8	1 2 3 4 27 50 73	GM108 SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA	90 KIPS 128 KIPS 166 KIPS 164 KIPS 113 KIPS 58 KIPS 0 KIPS	0.13 0.15 0.15 0.11 0.00 0.11 0.10
0:17:20	188.144 188.131 188.119 188.107 187.832 187.758 187.584	0 22 RUN 6 1179 REL REL	80# 0# 80# 0# 80# 0# 80# 0# 80# 0# 80# 0# 80# 0#	164:4 .21:15	1 2 3 4 27 50 73	GM108 SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA	89 KIPS 126 KIPS 164 KIPS 161 KIPS 112 KIPS 58 KIPS 2 KIPS	0.12 0.15 0.15 0.11 0.00 0.11 0.10

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STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS REL	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES FORE	AFT	L/V RATIO
0:17:30	188.205	0	22	RUN	8	1178	REL	REL	80#	0#	1	GM108	0 KIPS	89 KIPS	0.12
	188.192								80#	0#	2	SD40	89 KIPS	126 KIPS	0.15
	188.180								80#	0#	3	SD40	126 KIPS	163 KIPS	0.15
	188.168								80#	0#	4	GONDOLA	163 KIPS	180 KIPS	0.11
	187.983								80#	0#	27	GONDOLA	108 KIPS	103 KIPS	0.14
	187.818								80#	0#	50	GONDOLA	58 KIPS	58 KIPS	0.12
	187.645								80#	0#	73	GONDOLA	2 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 0.00 DEGREE CURVE															
0:17:40	188.268	0	22	RUN	8	1177	REL	REL	80#	0#	1	GM108	0 KIPS	90 KIPS	0.12
	188.253								80#	0#	2	SD40	90 KIPS	127 KIPS	0.15
	188.241								80#	0#	3	SD40	127 KIPS	165 KIPS	0.28
	188.228								80#	0#	4	GONDOLA	165 KIPS	182 KIPS	0.20
	188.054								80#	0#	27	GONDOLA	100 KIPS	98 KIPS	0.10
	187.880								80#	0#	50	GONDOLA	55 KIPS	53 KIPS	0.00
	187.708								80#	0#	73	GONDOLA	2 KIPS	0 KIPS	0.10
0:17:50	188.328	0	22	RUN	8	1177	REL	REL	80#	0#	1	GM108	0 KIPS	90 KIPS	0.00
	188.315								80#	0#	2	SD40	90 KIPS	127 KIPS	0.00
	188.302								80#	0#	3	SD40	127 KIPS	165 KIPS	0.00
	188.290								80#	0#	4	GONDOLA	165 KIPS	182 KIPS	0.10
	188.118								80#	0#	27	GONDOLA	103 KIPS	100 KIPS	0.10
	187.941								80#	0#	50	GONDOLA	50 KIPS	48 KIPS	0.00
	187.767								80#	0#	73	GONDOLA	2 KIPS	0 KIPS	0.10
0:18:0	188.389	0	22	RUN	8	1177	REL	REL	80#	0#	1	GM108	0 KIPS	90 KIPS	0.00
	188.376								80#	0#	2	SD40	90 KIPS	127 KIPS	0.00
	188.364								80#	0#	3	SD40	127 KIPS	164 KIPS	0.00
	188.351								80#	0#	4	GONDOLA	164 KIPS	182 KIPS	0.00
	188.177								80#	0#	27	GONDOLA	107 KIPS	108 KIPS	0.10
	188.003								80#	0#	50	GONDOLA	47 KIPS	45 KIPS	0.11
	187.829								80#	0#	73	GONDOLA	2 KIPS	0 KIPS	0.10
0:18:10	188.451	0	22	RUN	8	1177	REL	REL	80#	0#	1	GM108	0 KIPS	90 KIPS	0.00
	188.437								80#	0#	2	SD40	90 KIPS	127 KIPS	0.00
	188.425								80#	0#	3	SD40	127 KIPS	165 KIPS	0.00
	188.413								80#	0#	4	GONDOLA	165 KIPS	182 KIPS	0.00
	188.239								80#	0#	27	GONDOLA	112 KIPS	109 KIPS	0.11
	188.064								80#	0#	50	GONDOLA	50 KIPS	47 KIPS	0.10
	187.890								80#	0#	73	GONDOLA	2 KIPS	0 KIPS	0.00
0:18:20	188.512	0	22	RUN	8	1177	REL	REL	80#	0#	1	GM108	0 KIPS	90 KIPS	0.00
	188.499								80#	0#	2	SD40	90 KIPS	128 KIPS	0.00
	188.487								80#	0#	3	SD40	128 KIPS	165 KIPS	0.00
	188.474								80#	0#	4	GONDOLA	165 KIPS	183 KIPS	0.00
	188.300								80#	0#	27	GONDOLA	113 KIPS	111 KIPS	0.00
	188.128								80#	0#	50	GONDOLA	56 KIPS	53 KIPS	0.10
	187.951								80#	0#	73	GONDOLA	2 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 4.00 DEGREE CURVE															

STATION TIME	SPEED LMT RUN	THITLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO						
									DRAMBAR FORCES FORE	DRAMBAR FORCES AFT							
0:18:30	188.573	0	22	RUN	6	1178	REL	80#	0#	165:4	.27:2	1	GM108	0 KIPS	90 KIPS	0.23	
	188.560							80#	0#			2	SD40	90 KIPS	128 KIPS	0.27	
	188.548							80#	0#			3	SD40	128 KIPS	165 KIPS	0.24	
	188.535							80#	0#			4	GONDOLA	165 KIPS	163 KIPS	0.23	
	188.361							80#	0#			27	GONDOLA	114 KIPS	112 KIPS	0.00	
0:18:40	188.187							80#	0#			50	GONDOLA	58 KIPS	58 KIPS	0.10	
	188.013							80#	0#			73	GONDOLA	2 KIPS	0 KIPS	0.09	
	188.634	0	22	RUN	6	1179	REL	80#	0#	165:4	.22:7	1	GM108	0 KIPS	89 KIPS	0.12	
	188.621							80#	0#			2	SD40	89 KIPS	127 KIPS	0.15	
	188.608							80#	0#			3	SD40	127 KIPS	165 KIPS	0.15	
0:18:50	188.596							80#	0#			4	GONDOLA	165 KIPS	162 KIPS	0.12	
	188.422							80#	0#			27	GONDOLA	113 KIPS	111 KIPS	0.00	
	188.248							80#	0#			50	GONDOLA	62 KIPS	59 KIPS	0.11	
	188.073							80#	0#			73	GONDOLA	3 KIPS	0 KIPS	0.09	
	-----> TRAIN ENTERING 0.71 % GRADE																
0:18:50	188.694	0	22	RUN	6	1181	REL	REL	80#	0#	167:4	.21:15	1	GM108	0 KIPS	90 KIPS	0.12
	188.681							80#	0#			2	SD40	90 KIPS	129 KIPS	0.15	
	188.669							80#	0#			3	SD40	129 KIPS	167 KIPS	0.15	
	188.657							80#	0#			4	GONDOLA	167 KIPS	164 KIPS	0.11	
	188.482							80#	0#			27	GONDOLA	111 KIPS	109 KIPS	0.00	
0:19:0	188.308							80#	0#			50	GONDOLA	61 KIPS	59 KIPS	0.00	
	188.134							80#	0#			73	GONDOLA	3 KIPS	0 KIPS	0.09	
	188.754	0	22	RUN	6	1182	REL	REL	80#	0#	167:4	.15:23	1	GM108	0 KIPS	90 KIPS	0.12
	188.741							80#	0#			2	SD40	90 KIPS	129 KIPS	0.15	
	188.729							80#	0#			3	SD40	129 KIPS	167 KIPS	0.15	
0:19:10	188.717							80#	0#			4	GONDOLA	167 KIPS	165 KIPS	0.11	
	188.542							80#	0#			27	GONDOLA	109 KIPS	107 KIPS	0.15	
	188.368							80#	0#			50	GONDOLA	58 KIPS	56 KIPS	0.00	
	188.194							80#	0#			73	GONDOLA	3 KIPS	0 KIPS	0.09	
	188.814	0	22	RUN	6	1182	REL	REL	80#	0#	168:4	.15:3	1	GM108	0 KIPS	90 KIPS	0.12
0:19:10	188.801							80#	0#			2	SD40	90 KIPS	129 KIPS	0.15	
	188.789							80#	0#			3	SD40	129 KIPS	168 KIPS	0.15	
	188.776							80#	0#			4	GONDOLA	168 KIPS	165 KIPS	0.11	
	188.602							80#	0#			27	GONDOLA	111 KIPS	109 KIPS	0.10	
	188.428							80#	0#			50	GONDOLA	56 KIPS	54 KIPS	0.00	
0:19:20	188.254							80#	0#			73	GONDOLA	3 KIPS	0 KIPS	0.09	
	188.874	0	21	RUN	6	1183	REL	REL	80#	0#	168:4	.15:2	1	GM108	0 KIPS	90 KIPS	0.13
	188.861							80#	0#			2	SD40	90 KIPS	129 KIPS	0.15	
	188.848							80#	0#			3	SD40	129 KIPS	168 KIPS	0.15	
	188.836							80#	0#			4	GONDOLA	168 KIPS	165 KIPS	0.11	
0:19:30	188.662							80#	0#			27	GONDOLA	114 KIPS	112 KIPS	0.10	
	188.488							80#	0#			50	GONDOLA	55 KIPS	53 KIPS	0.00	
0:19:40	188.313							80#	0#			73	GONDOLA	2 KIPS	0 KIPS	0.00	

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STATION TIME	MP	SPEED LMT RUN	THLTL AMP TRN IND PIPE	SETTING REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRAWBAR FORCES FORE	DRAWBAR FORCES AFT	
0:19:30	188.933	0	21 RUN @ 1183	REL REL	188:4 15:2	1	GM10B	0 KIPS	90 KIPS	0.13
	188.920					2	SD40	90 KIPS	128 KIPS	0.15
	188.908					3	SD40	128 KIPS	188 KIPS	0.15
	188.896					4	GONDOLA	188 KIPS	188 KIPS	0.11
	188.721					27	GONDOLA	115 KIPS	112 KIPS	0.10
	188.647					50	GONDOLA	56 KIPS	53 KIPS	0.12
	188.373					73	GONDOLA	2 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 0.00 DEGREE CURVE										
0:19:40	188.993	0	21 RUN @ 1184	REL REL	188:4 15:2	1	GM10B	0 KIPS	91 KIPS	0.13
	188.980					2	SD40	91 KIPS	130 KIPS	0.15
	188.967					3	SD40	130 KIPS	188 KIPS	0.15
	188.955					4	GONDOLA	188 KIPS	187 KIPS	0.11
	188.781					27	GONDOLA	115 KIPS	113 KIPS	0.10
	188.607					50	GONDOLA	59 KIPS	57 KIPS	0.10
	188.432					73	GONDOLA	2 KIPS	0 KIPS	0.00
0:19:50	189.052	0	21 RUN @ 1184	REL REL	170:4 27:3	1	GM10B	0 KIPS	91 KIPS	0.02
	189.039					2	SD40	91 KIPS	131 KIPS	0.10
	189.027					3	SD40	131 KIPS	170 KIPS	0.27
	189.014					4	GONDOLA	170 KIPS	168 KIPS	0.20
	188.840					27	GONDOLA	118 KIPS	115 KIPS	0.11
	188.666					50	GONDOLA	83 KIPS	81 KIPS	0.10
	188.492					73	GONDOLA	2 KIPS	0 KIPS	0.00
0:20:0	189.111	0	21 RUN @ 1184	REL REL	170:4 13:14	1	GM10B	0 KIPS	91 KIPS	0.00
	189.098					2	SD40	91 KIPS	130 KIPS	0.00
	189.086					3	SD40	130 KIPS	170 KIPS	0.00
	189.074					4	GONDOLA	170 KIPS	168 KIPS	0.00
	188.899					27	GONDOLA	119 KIPS	117 KIPS	0.11
	188.725					50	GONDOLA	64 KIPS	61 KIPS	0.10
	188.551					73	GONDOLA	3 KIPS	0 KIPS	0.08
-----> TRAIN ENTERING 4.00 DEGREE CURVE										
0:20:10	189.171	0	21 RUN @ 1184	REL REL	170:4 27:2	1	GM10B	0 KIPS	91 KIPS	0.23
	189.158					2	SD40	91 KIPS	130 KIPS	0.27
	189.145					3	SD40	130 KIPS	170 KIPS	0.18
	189.133					4	GONDOLA	170 KIPS	168 KIPS	0.11
	188.959					27	GONDOLA	120 KIPS	117 KIPS	0.11
	188.785					50	GONDOLA	64 KIPS	61 KIPS	0.10
	188.610					73	GONDOLA	3 KIPS	0 KIPS	0.08
0:20:20	189.230	0	21 RUN @ 1183	REL REL	168:4 24:3	1	GM10B	0 KIPS	90 KIPS	0.12
	189.217					2	SD40	90 KIPS	128 KIPS	0.15
	189.205					3	SD40	128 KIPS	168 KIPS	0.24
	189.193					4	GONDOLA	168 KIPS	165 KIPS	0.21
	189.018					27	GONDOLA	119 KIPS	118 KIPS	0.11
	188.844					50	GONDOLA	82 KIPS	59 KIPS	0.10
	188.670					73	GONDOLA	3 KIPS	0 KIPS	0.08
-----> TRAIN ENTERING 1.07 % GRADE										

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STATION TIME	SPEED LMT RUN	THRTLE AMPS TRN INO PIPE	SETTING PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
							FORE	AFT	
0:20:30	0	22 RUN 5	1182 REL	REL	1	GM108	0 KIPS	90 KIPS	0.12
						SD40	90 KIPS	128 KIPS	0.15
						SD40	128 KIPS	167 KIPS	0.15
						GONDOLA	167 KIPS	184 KIPS	0.11
						GONDOLA	115 KIPS	113 KIPS	0.00
0:20:40	0	22 RUN 5	1181 REL	REL	2	GONDOLA	60 KIPS	58 KIPS	0.10
						GONDOLA	3 KIPS	0 KIPS	0.09
						GM108	0 KIPS	89 KIPS	0.12
						SD40	89 KIPS	126 KIPS	0.15
						SD40	126 KIPS	165 KIPS	0.15
0:20:50	0	22 RUN 5	1182 REL	REL	3	GONDOLA	165 KIPS	182 KIPS	0.11
						GONDOLA	111 KIPS	108 KIPS	0.10
						GONDOLA	59 KIPS	57 KIPS	0.10
						GONDOLA	2 KIPS	0 KIPS	0.09
						GM108	0 KIPS	89 KIPS	0.12
0:21:0	0	21 RUN 5	1183 REL	REL	2	SD40	89 KIPS	128 KIPS	0.15
						SD40	128 KIPS	163 KIPS	0.15
						GONDOLA	163 KIPS	180 KIPS	0.11
						GONDOLA	103 KIPS	101 KIPS	0.12
						GONDOLA	57 KIPS	55 KIPS	0.10
0:21:10	0	21 RUN 5	1185 REL	REL	3	GM108	2 KIPS	0 KIPS	0.09
						SD40	0 KIPS	89 KIPS	0.12
						SD40	89 KIPS	127 KIPS	0.15
						GONDOLA	127 KIPS	164 KIPS	0.15
						GONDOLA	164 KIPS	181 KIPS	0.11
0:21:20	0	21 RUN 5	1187 REL	REL	4	GONDOLA	99 KIPS	96 KIPS	0.10
						GONDOLA	52 KIPS	50 KIPS	0.00
						GONDOLA	2 KIPS	0 KIPS	0.09
						GM108	0 KIPS	90 KIPS	0.12
						SD40	90 KIPS	128 KIPS	0.15
0:21:30	0	21 RUN 5	1185 REL	REL	3	SD40	128 KIPS	166 KIPS	0.15
						SD40	166 KIPS	183 KIPS	0.11
						GONDOLA	98 KIPS	93 KIPS	0.10
						GONDOLA	47 KIPS	45 KIPS	0.10
						GONDOLA	2 KIPS	0 KIPS	0.09
0:21:40	0	21 RUN 5	1187 REL	REL	1	GM108	0 KIPS	90 KIPS	0.12
						SD40	90 KIPS	130 KIPS	0.24
						SD40	130 KIPS	169 KIPS	0.27
						GONDOLA	169 KIPS	187 KIPS	0.23
						GONDOLA	102 KIPS	99 KIPS	0.10
0:21:50	0	21 RUN 5	1187 REL	REL	2	GONDOLA	43 KIPS	41 KIPS	0.10
						GONDOLA	2 KIPS	0 KIPS	0.09
						GM108	0 KIPS	90 KIPS	0.12
						SD40	90 KIPS	128 KIPS	0.15
						SD40	128 KIPS	166 KIPS	0.15

-----> TRAIN ENTERING 0.00 DEGREE CURVE

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STATION TIME	MP	SPEED LMT RUN	THYLE TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0:21:30	189.646	0	21	RUN	8	1190	REL	REL	1	GM108	0 KIPS	91 KIPS	0.00
	189.633						80#	0#	2	SD40	91 KIPS	131 KIPS	0.00
	189.820						80#	0#	3	SD40	131 KIPS	171 KIPS	0.00
	189.608						80#	0#	4	GONDOLA	171 KIPS	189 KIPS	0.00
	189.434						80#	0#	27	GONDOLA	109 KIPS	108 KIPS	0.10
	189.260						80#	0#	50	GONDOLA	44 KIPS	42 KIPS	0.10
	189.085						80#	0#	73	GONDOLA	2 KIPS	0 KIPS	0.00
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
0:21:40	189.703	0	20	RUN	6	1194	REL	REL	1	GM108	0 KIPS	90 KIPS	0.23
	189.680						80#	0#	2	SD40	90 KIPS	131 KIPS	0.27
	189.677						80#	0#	3	SD40	131 KIPS	172 KIPS	0.28
	189.665						80#	0#	4	GONDOLA	172 KIPS	189 KIPS	0.22
	189.491						80#	0#	27	GONDOLA	114 KIPS	111 KIPS	0.10
	189.316						80#	0#	50	GONDOLA	50 KIPS	47 KIPS	0.10
	189.142						80#	0#	73	GONDOLA	2 KIPS	0 KIPS	0.09
0:21:50	189.758	0	20	RUN	6	1197	REL	REL	1	GM108	0 KIPS	91 KIPS	0.12
	189.745						80#	0#	2	SD40	91 KIPS	133 KIPS	0.15
	189.733						80#	0#	3	SD40	133 KIPS	175 KIPS	0.15
	189.721						80#	0#	4	GONDOLA	175 KIPS	172 KIPS	0.12
	189.546						80#	0#	27	GONDOLA	117 KIPS	115 KIPS	0.10
	189.372						80#	0#	50	GONDOLA	55 KIPS	53 KIPS	0.10
	189.198						80#	0#	73	GONDOLA	2 KIPS	0 KIPS	0.09
0:22: 0	189.813	0	19	RUN	6	1200	REL	REL	1	GM108	0 KIPS	95 KIPS	0.13
	189.799						80#	0#	2	SD40	95 KIPS	135 KIPS	0.15
	189.787						80#	0#	3	SD40	135 KIPS	180 KIPS	0.15
	189.775						80#	0#	4	GONDOLA	180 KIPS	179 KIPS	0.11
	189.601						80#	0#	27	GONDOLA	148 KIPS	145 KIPS	0.00
	189.428						80#	0#	50	GONDOLA	113 KIPS	111 KIPS	0.10
	189.252						80#	0#	73	GONDOLA	81 KIPS	0 KIPS	0.10
0:22:10	189.885	0	19	RUN	6	1202	REL	REL	1	GM108	0 KIPS	91 KIPS	0.13
	189.852						80#	0#	2	SD40	91 KIPS	137 KIPS	0.15
	189.840						80#	0#	3	SD40	137 KIPS	182 KIPS	0.15
	189.827						80#	0#	4	GONDOLA	182 KIPS	179 KIPS	0.11
	189.653						80#	0#	27	GONDOLA	120 KIPS	118 KIPS	0.11
	189.479						80#	0#	50	GONDOLA	68 KIPS	66 KIPS	0.10
	189.305						80#	0#	73	GONDOLA	18 KIPS	0 KIPS	0.10
0:22:20	189.916	0	18	RUN	6	1204	REL	REL	1	GM108	0 KIPS	91 KIPS	0.13
	189.903						80#	0#	2	SD40	91 KIPS	138 KIPS	0.15
	189.891						80#	0#	3	SD40	138 KIPS	185 KIPS	0.15
	189.879						80#	0#	4	GONDOLA	185 KIPS	182 KIPS	0.11
	189.704						80#	0#	27	GONDOLA	122 KIPS	120 KIPS	0.11
	189.530						80#	0#	50	GONDOLA	66 KIPS	63 KIPS	0.10
	189.356						80#	0#	73	GONDOLA	3 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 0.00 DEGREE CURVE													

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING REL	BRAKES IND	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
											DRAWBAR FORCES FORE	DRAWBAR FORCES AFT			
0:22:30	189.988	0	18	RUN	6	1206	REL	80# 0#	190:4	.28:3	1	GM10B	0 KIPS	92 KIPS	0.13
	189.953							80# 0#			2	SD40	92 KIPS	141 KIPS	0.15
	189.941							80# 0#			3	SD40	141 KIPS	190 KIPS	0.28
	189.929							80# 0#			4	GONDOLA	180 KIPS	187 KIPS	0.19
	189.754							80# 0#			27	GONDOLA	125 KIPS	122 KIPS	0.11
	189.580							80# 0#			50	GONDOLA	65 KIPS	63 KIPS	0.01
	189.406							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 4.00 DEGREE CURVE															
0:22:40	190.015	0	17	RUN	6	1207	REL	80# 0#	192:4	.14:6	1	GM10B	0 KIPS	92 KIPS	0.12
	190.002							80# 0#			2	SD40	92 KIPS	142 KIPS	0.04
	189.990							80# 0#			3	SD40	142 KIPS	192 KIPS	0.05
	189.977							80# 0#			4	GONDOLA	192 KIPS	190 KIPS	0.12
	189.803							80# 0#			27	GONDOLA	128 KIPS	126 KIPS	0.11
	189.629							80# 0#			50	GONDOLA	64 KIPS	62 KIPS	0.00
	189.454							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.10
0:22:50	190.063	0	17	RUN	6	1208	REL	80# 0#	193:4	.27:2	1	GM10B	0 KIPS	92 KIPS	0.23
	190.049							80# 0#			2	SD40	92 KIPS	142 KIPS	0.27
	190.037							80# 0#			3	SD40	142 KIPS	193 KIPS	0.16
	190.025							80# 0#			4	GONDOLA	193 KIPS	190 KIPS	0.26
	189.851							80# 0#			27	GONDOLA	130 KIPS	127 KIPS	0.11
	189.676							80# 0#			50	GONDOLA	63 KIPS	61 KIPS	0.10
	189.502							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.10
0:23:0	190.108	0	17	RUN	6	1210	REL	80# 0#	195:4	.25:6	1	GM10B	0 KIPS	92 KIPS	0.12
	190.096							80# 0#			2	SD40	92 KIPS	143 KIPS	0.15
	190.084							80# 0#			3	SD40	143 KIPS	195 KIPS	0.15
	190.072							80# 0#			4	GONDOLA	195 KIPS	192 KIPS	0.12
	189.897							80# 0#			27	GONDOLA	132 KIPS	129 KIPS	0.11
	189.723							80# 0#			50	GONDOLA	65 KIPS	62 KIPS	0.10
	189.549							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.10
-----> TRAIN ENTERING 0.00 DEGREE CURVE															
0:23:10	190.155	0	16	RUN	6	1211	REL	80# 0#	199:4	.23:14	1	GM10B	0 KIPS	92 KIPS	0.13
	190.142							80# 0#			2	SD40	92 KIPS	146 KIPS	0.15
	190.130							80# 0#			3	SD40	146 KIPS	199 KIPS	0.17
	190.117							80# 0#			4	GONDOLA	199 KIPS	196 KIPS	0.11
	189.943							80# 0#			27	GONDOLA	134 KIPS	132 KIPS	0.12
	189.769							80# 0#			50	GONDOLA	67 KIPS	64 KIPS	0.10
	189.595							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.00
0:23:20	190.200	0	16	RUN	6	1212	REL	80# 0#	202:4	.30:3	1	GM10B	0 KIPS	92 KIPS	0.00
	190.187							80# 0#			2	SD40	92 KIPS	147 KIPS	0.08
	190.175							80# 0#			3	SD40	147 KIPS	202 KIPS	0.30
	190.162							80# 0#			4	GONDOLA	202 KIPS	199 KIPS	0.22
	189.988							80# 0#			27	GONDOLA	138 KIPS	133 KIPS	0.00
	189.814							80# 0#			50	GONDOLA	71 KIPS	68 KIPS	0.10
	189.640							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS REL	SETTING REL	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
						TRN	IND PIPE				DRAWBAR FORCES FORE	AFT					
0:23:30	190.244	0	16	RUN	6	1213	REL	80# 0#	204.4	.21:26	1	GM10B	0 KIPS	92 KIPS	0.00		
	190.231							80# 0#			2	SD40	92 KIPS	148 KIPS	0.00		
	190.219							80# 0#			3	SD40	148 KIPS	204 KIPS	0.00		
	190.207							80# 0#			4	GONDOLA	204 KIPS	201 KIPS	0.00		
	190.032							80# 0#			27	GONDOLA	138 KIPS	135 KIPS	0.21		
	188.858							80# 0#			50	GONDOLA	72 KIPS	69 KIPS	0.11		
0:23:40	189.684							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.10		
	190.288	0	16	RUN	6	1214	REL	REL	80# 0#	205.4	.21:18	1	GM10B	0 KIPS	92 KIPS	0.00	
	190.275							80# 0#			2	SD40	92 KIPS	149 KIPS	0.00		
	190.263							80# 0#			3	SD40	149 KIPS	205 KIPS	0.00		
	190.250							80# 0#			4	GONDOLA	205 KIPS	203 KIPS	0.00		
	190.078							80# 0#			27	GONDOLA	141 KIPS	138 KIPS	0.11		
PS L. JEAN.	188.902							80# 0#			50	GONDOLA	74 KIPS	71 KIPS	0.11		
	189.728							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.10		
	0:23:43	190.300	0	16	RUN	6	1214	REL	REL	80# 0#	206.4	.15:37	1	GM10B	0 KIPS	92 KIPS	0.00
	190.287							80# 0#			2	SD40	92 KIPS	149 KIPS	0.00		
	190.275							80# 0#			3	SD40	149 KIPS	208 KIPS	0.00		
	190.262							80# 0#			4	GONDOLA	208 KIPS	203 KIPS	0.00		
-----> TRAIN ENTERING 0.00 % GRADE	190.088							80# 0#			27	GONDOLA	141 KIPS	138 KIPS	0.11		
	189.914							80# 0#			50	GONDOLA	74 KIPS	71 KIPS	0.11		
	189.740							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.10		
	0:23:50	190.331	0	15	RUN	6	1214	REL	REL	80# 0#	215.4	.20:23	1	GM10B	0 KIPS	98 KIPS	0.00
	190.318							80# 0#			2	SD40	98 KIPS	157 KIPS	0.00		
	190.308							80# 0#			3	SD40	157 KIPS	215 KIPS	0.00		
0:24: 0	190.293							80# 0#			4	GONDOLA	215 KIPS	212 KIPS	0.00		
	190.119							80# 0#			27	GONDOLA	149 KIPS	146 KIPS	0.11		
	189.945							80# 0#			50	GONDOLA	77 KIPS	74 KIPS	0.11		
	188.771							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.10		
	190.374	0	16	RUN	6	1214	REL	REL	80# 0#	218.4	.15:42	1	GM10B	0 KIPS	98 KIPS	0.00	
	190.361							80# 0#			2	SD40	98 KIPS	157 KIPS	0.00		
0:24:10	190.349							80# 0#			3	SD40	157 KIPS	218 KIPS	0.00		
	190.336							80# 0#			4	GONDOLA	218 KIPS	217 KIPS	0.00		
	190.162							80# 0#			27	GONDOLA	158 KIPS	155 KIPS	0.13		
	189.988							80# 0#			50	GONDOLA	80 KIPS	77 KIPS	0.00		
	189.814							80# 0#			73	GONDOLA	3 KIPS	0 KIPS	0.10		
	190.418	0	16	RUN	6	1213	REL	REL	80# 0#	217.4	.14:50	1	GM10B	0 KIPS	98 KIPS	0.00	
	190.404							80# 0#			2	SD40	98 KIPS	158 KIPS	0.00		
	190.392							80# 0#			3	SD40	158 KIPS	217 KIPS	0.00		
	190.380							80# 0#			4	GONDOLA	217 KIPS	216 KIPS	0.00		
	190.208							80# 0#			27	GONDOLA	165 KIPS	162 KIPS	0.00		
	190.031							80# 0#			50	GONDOLA	85 KIPS	81 KIPS	0.14		
	189.857							80# 0#			73	GONDOLA	4 KIPS	0 KIPS	0.10		

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STATION TIME	MP	SPEED LMT	THYLE RUN	AMPS REL	SETTING REL	PIPE REL	CVL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE	AFT	L/V RATIO
0:24:20	190.482	0	16	8	1212	REL	REL	80# 0# 214:4 13:54	1	GM108	0 KIPS	95 KIPS	0.00
	190.449							80# 0#	2	SD40	95 KIPS	155 KIPS	0.00
	190.438							80# 0#	3	SD40	155 KIPS	214 KIPS	0.00
	190.424							80# 0#	4	GONDOLA	214 KIPS	213 KIPS	0.00
	190.250							80# 0#	27	GONDOLA	172 KIPS	169 KIPS	0.00
	190.078							80# 0#	50	GONDOLA	89 KIPS	88 KIPS	0.10
	189.901							80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.10
0:24:30	190.508	0	17	8	1210	REL	REL	80# 0# 209:4 12:48	1	GM108	0 KIPS	95 KIPS	0.00
	190.494							80# 0#	2	SD40	95 KIPS	152 KIPS	0.00
	190.482							80# 0#	3	SD40	152 KIPS	209 KIPS	0.00
	190.470							80# 0#	4	GONDOLA	209 KIPS	208 KIPS	0.00
	190.298							80# 0#	27	GONDOLA	178 KIPS	178 KIPS	0.00
	190.121							80# 0#	50	GONDOLA	94 KIPS	90 KIPS	0.10
	189.947							80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.10
0:24:40	190.555	0	18	8	1207	REL	REL	80# 0# 204:4 12:51	1	GM108	0 KIPS	95 KIPS	0.00
	190.542							80# 0#	2	SD40	95 KIPS	149 KIPS	0.00
	190.530							80# 0#	3	SD40	149 KIPS	204 KIPS	0.00
	190.517							80# 0#	4	GONDOLA	204 KIPS	203 KIPS	0.00
	190.343							80# 0#	27	GONDOLA	177 KIPS	177 KIPS	0.00
	190.189							80# 0#	50	GONDOLA	98 KIPS	94 KIPS	0.11
	188.885							80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.00
0:24:50	190.608	0	18	8	1204	REL	REL	80# 0# 198:4 13:55	1	GM108	0 KIPS	94 KIPS	0.00
	190.592							80# 0#	2	SD40	94 KIPS	148 KIPS	0.00
	190.579							80# 0#	3	SD40	148 KIPS	198 KIPS	0.00
	190.567							80# 0#	4	GONDOLA	198 KIPS	197 KIPS	0.00
	190.393							80# 0#	27	GONDOLA	172 KIPS	171 KIPS	0.00
	190.219							80# 0#	50	GONDOLA	101 KIPS	97 KIPS	0.00
	190.044							80# 0#	73	GONDOLA	4 KIPS	0 KIPS	0.09
0:24:59	190.650	0	19	8	1200	REL	REL	80# 0# 191:4 11:53	1	GM108	0 KIPS	93 KIPS	0.00
	190.637							80# 0#	2	SD40	93 KIPS	142 KIPS	0.00
	190.625							80# 0#	3	SD40	142 KIPS	181 KIPS	0.00
	190.612							80# 0#	4	GONDOLA	191 KIPS	190 KIPS	0.00
	190.438							80# 0#	27	GONDOLA	181 KIPS	180 KIPS	0.00
	190.264							80# 0#	50	GONDOLA	103 KIPS	98 KIPS	0.00
	190.090							80# 0#	73	GONDOLA	8 KIPS	0 KIPS	0.09
-----> RUN 3													
0:25:0	190.655	0	19	8	1153	REL	REL	80# 0# 183:4 09:58	1	GM108	0 KIPS	92 KIPS	0.00
	190.642							80# 0#	2	SD40	92 KIPS	137 KIPS	0.00
	190.630							80# 0#	3	SD40	137 KIPS	183 KIPS	0.00
	190.618							80# 0#	4	GONDOLA	183 KIPS	181 KIPS	0.00
	190.443							80# 0#	27	GONDOLA	149 KIPS	148 KIPS	0.00
	190.269							80# 0#	50	GONDOLA	102 KIPS	98 KIPS	0.00
	190.095							80# 0#	73	GONDOLA	5 KIPS	0 KIPS	0.09

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STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS 1054	REL REL	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
						TRN	IND PIPE CYL				DRAMBAR FORCES FORE	AFT					
0:25:0	190.857	0	19	RUN	3	1054	REL	REL	80#	0#	179:4	.08:68	1	GM108	0 KIPS	89 KIPS	0.00
	190.844								80#	0#			2	SD40	89 KIPS	133 KIPS	0.00
	190.832								80#	0#			3	SD40	133 KIPS	179 KIPS	0.00
	190.819								80#	0#			4	GONDOLA	178 KIPS	177 KIPS	0.00
	190.448								80#	0#			27	GONDOLA	145 KIPS	144 KIPS	0.00
	190.271								80#	0#			50	GONDOLA	100 KIPS	95 KIPS	0.00
	190.097								80#	0#			73	GONDOLA	4 KIPS	0 KIPS	0.08
0:25:1	190.863	0	19	RUN	3	822	REL	REL	80#	0#	188:4	.08:68	1	GM108	0 KIPS	82 KIPS	0.00
	190.848								80#	0#			2	SD40	82 KIPS	123 KIPS	0.00
	190.837								80#	0#			3	SD40	123 KIPS	168 KIPS	0.00
	190.825								80#	0#			4	GONDOLA	168 KIPS	166 KIPS	0.00
	190.451								80#	0#			27	GONDOLA	135 KIPS	134 KIPS	0.00
	190.278								80#	0#			50	GONDOLA	95 KIPS	90 KIPS	0.00
	190.102								80#	0#			73	GONDOLA	4 KIPS	0 KIPS	0.08
0:25:10	190.711	0	19	RUN	3	578	REL	REL	80#	0#	149:4	.08:70	1	GM108	0 KIPS	74 KIPS	0.00
	190.698								80#	0#			2	SD40	74 KIPS	110 KIPS	0.00
	190.686								80#	0#			3	SD40	110 KIPS	149 KIPS	0.00
	190.673								80#	0#			4	GONDOLA	149 KIPS	148 KIPS	0.00
	190.499								80#	0#			27	GONDOLA	124 KIPS	123 KIPS	0.00
	190.325								80#	0#			50	GONDOLA	85 KIPS	81 KIPS	0.00
	190.151								80#	0#			73	GONDOLA	4 KIPS	0 KIPS	0.08
0:25:20	190.785	0	20	RUN	3	574	REL	REL	80#	0#	80:4	.00:	1	GM108	0 KIPS	42 KIPS	0.00
	190.752								80#	0#			2	SD40	42 KIPS	81 KIPS	0.00
	190.740								80#	0#			3	SD40	81 KIPS	80 KIPS	0.00
	190.727								80#	0#			4	GONDOLA	80 KIPS	80 KIPS	0.00
	190.553								80#	0#			27	GONDOLA	72 KIPS	72 KIPS	0.00
	190.378								80#	0#			50	GONDOLA	65 KIPS	65 KIPS	0.00
	190.205								80#	0#			73	GONDOLA	3 KIPS	0 KIPS	0.00
0:25:28	190.800	0	20	RUN	3	572	REL	REL	80#	0#	78:4	.00:	1	GM108	0 KIPS	42 KIPS	0.00
	190.787								80#	0#			2	SD40	42 KIPS	80 KIPS	0.00
	190.775								80#	0#			3	SD40	80 KIPS	78 KIPS	0.00
	190.762								80#	0#			4	GONDOLA	78 KIPS	78 KIPS	0.00
	190.588								80#	0#			27	GONDOLA	68 KIPS	64 KIPS	0.00
	190.414								80#	0#			50	GONDOLA	52 KIPS	51 KIPS	0.00
	190.240								80#	0#			73	GONDOLA	3 KIPS	0 KIPS	0.00
-----> 12 POUND REDUCTION																	
-----> RUN 1																	
-----> CONTINUE UNTIL SPEED REACHES 5 M.P.H.																	
0:25:27	190.805	0	20	RUN	1	524	REL	REL	80#	0#	75:4	.00:	1	GM108	0 KIPS	40 KIPS	0.00
	190.792								80#	0#			2	SD40	40 KIPS	57 KIPS	0.00
	190.780								80#	0#			3	SD40	57 KIPS	78 KIPS	0.00
	190.768								80#	0#			4	GONDOLA	75 KIPS	74 KIPS	0.00
	190.594								80#	0#			27	GONDOLA	58 KIPS	57 KIPS	0.00
	190.419								80#	0#			50	GONDOLA	42 KIPS	41 KIPS	0.00
	190.245								80#	0#			73	GONDOLA	3 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	BRAKES PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	AFT	
0:25:28	190.811	0	20	RUN	1	382	12#	REL	78#	3#	89:4	.00:	0.00
	190.788								78#	10#	47:4	.00:	0.00
	190.786								78#	7#			0.00
	190.773								78#	6#			0.00
	190.599								78#	5#			0.00
	190.425								78#	4#			0.00
	190.251								78#	3#			0.00
	190.817	0	20	RUN	1	274	12#	REL	78#	7#	59:4	.00:	0.00
	190.803								78#	5#			0.00
	190.791								78#	3#			0.00
0:25:29	190.779								78#	3#			0.00
	190.779								78#	3#			0.00
	190.608								78#	3#			0.00
	190.430								78#	3#			0.00
	190.258								78#	3#			0.00
	190.820	0	20	RUN	1	250	12#	REL	78#	10#	47:4	.00:	0.00
	190.807								78#	7#			0.00
	190.785								78#	6#			0.00
	190.782								78#	6#			0.00
	190.608								78#	6#			0.00
0:25:30	190.434								78#	6#			0.00
	190.260								78#	6#			0.00
	190.828	0	20	RUN	1	250	12#	REL	78#	10#	47:4	.00:	0.00
	190.813								78#	11#			0.00
	190.800								78#	10#			0.00
	190.788								78#	10#			0.00
	190.614								78#	10#			0.00
	190.438								78#	10#			0.00
	190.265								78#	10#			0.00
	190.831	0	20	RUN	1	250	12#	REL	78#	10#	47:4	.00:	0.00
0:25:31	190.818								78#	10#			0.00
	190.806								78#	10#			0.00
	190.794								78#	10#			0.00
	190.619								78#	10#			0.00
	190.448								78#	10#			0.00
	190.271								78#	10#			0.00
	190.837	0	20	RUN	1	250	12#	REL	78#	10#	47:4	.00:	0.00
	190.824								78#	10#			0.00
	190.811								78#	10#			0.00
	190.799								78#	10#			0.00
0:25:32	190.625								78#	10#			0.00
	190.451								78#	10#			0.00
	190.276								78#	10#			0.00
	190.831	0	20	RUN	1	250	12#	REL	78#	10#	47:4	.00:	0.00
	190.818								78#	10#			0.00
	190.806								78#	10#			0.00
	190.794								78#	10#			0.00
	190.619								78#	10#			0.00
	190.448								78#	10#			0.00
	190.271								78#	10#			0.00
0:25:33	190.837	0	20	RUN	1	250	12#	REL	78#	10#	47:4	.00:	0.00
	190.824								78#	10#			0.00
	190.811								78#	10#			0.00
	190.799								78#	10#			0.00
	190.625								78#	10#			0.00
	190.451								78#	10#			0.00
	190.276								78#	10#			0.00
	190.831	0	20	RUN	1	250	12#	REL	78#	10#	47:4	.00:	0.00
	190.818								78#	10#			0.00
	190.806								78#	10#			0.00

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STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:25:34	180.842	0	20	RUN	1	250	12#	REL	70# 20#	12:4	00:	0.00
	180.829								71# 19#			0.00
	180.817								71# 18#			0.00
	180.805								78# 7#			0.00
	180.830								78# 3#			0.00
	180.856								80# 0#			0.00
	180.822								80# 0#			0.00
0:25:35	180.848	0	20	RUN	1	250	12#	REL	89# 23#	8:70	00:	0.00
	180.835								70# 21#			0.00
	180.822								70# 21#			0.00
	180.810								75# 9#			0.00
	180.836								77# 5#			0.00
	180.862								79# 1#			0.00
	180.887								80# 0#			0.00
0:25:36	180.853	0	20	RUN	1	250	12#	REL	88# 25#	-20:4	00:	0.00
	180.840								89# 24#			0.00
	180.828								89# 23#			0.00
	180.816								75# 10#			0.00
	180.841								77# 6#			0.00
	180.867								78# 3#			0.00
0:25:37	180.893	0	20	RUN	1	250	12#	REL	88# 27#	-38:6	00:	0.00
	180.846								88# 26#			0.00
	180.833								74# 11#			0.00
	180.821								76# 7#			0.00
	180.847								77# 5#			0.00
	180.872								78# 2#			0.00
0:25:38	180.896	0	20	RUN	1	250	12#	REL	88# 28#	-53:9	02:3	0.00
	180.854								88# 28#			0.01
	180.851								88# 28#			0.02
	180.839								88# 27#			0.02
	180.826								73# 12#			0.00
	180.852								75# 8#			0.00
	180.878								78# 6#			0.00
0:25:39	180.904	0	20	RUN	1	250	12#	REL	88# 28#	-62:12	03:3	0.00
	180.870								88# 28#			0.02
	180.856								88# 28#			0.03
	180.844								73# 13#			0.02
	180.832								75# 10#			0.00
	180.858								78# 7#			0.00
	180.883								77# 5#			0.00

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STATION TIME	MP	SPEED LMT RUN	THYLE 1	AMPS 250	SETTING TRN IND PIPE CYL	PRESSURE REL	BRAKES (AND LOCATION)	MAXIMUMS KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO			
											DRABBAR FORCES FORE	AFT				
0:25:40	190.878	0	19	RUN	1	250	12#	REL	68# 28#	-68:14	.01:4	1	GM108	0 KIPS	21 KIPS	0.00
	190.882								2	SD40	21 KIPS	0 KIPS	0.00			
	190.880								3	SD40	0 KIPS	-10 KIPS	0.01			
	190.837								4	GONDOLA	-10 KIPS	-16 KIPS	0.01			
	190.683								27	GONDOLA	0 KIPS	0 KIPS	0.00			
	190.683								50	GONDOLA	0 KIPS	0 KIPS	0.00			
	190.488								73	GONDOLA	0 KIPS	0 KIPS	0.00			
0:25:41	190.315								1	GONDOLA	1 KIPS	0 KIPS	0.00			
	190.880	0	19	RUN	1	250	12#	REL	68# 28#	-64:15	.03:3	1	GM108	0 KIPS	27 KIPS	0.02
	190.887								2	SD40	6 KIPS	-27 KIPS	0.03			
	190.885								3	SD40	-23 KIPS	-20 KIPS	0.03			
	190.843								4	GONDOLA	-23 KIPS	0 KIPS	0.00			
	190.888								27	GONDOLA	0 KIPS	0 KIPS	0.00			
	190.494								50	GONDOLA	0 KIPS	0 KIPS	0.00			
0:25:42	190.320								73	GONDOLA	0 KIPS	0 KIPS	0.00			
	190.886	0	19	RUN	1	250	12#	REL	68# 28#	-74:21	.03:3	1	GM108	0 KIPS	0 KIPS	0.02
	190.873								2	SD40	0 KIPS	-7 KIPS	0.03			
	190.860								3	SD40	-7 KIPS	-14 KIPS	0.03			
	190.848								4	GONDOLA	-14 KIPS	0 KIPS	0.00			
	190.674								27	GONDOLA	0 KIPS	0 KIPS	0.00			
	190.500								50	GONDOLA	0 KIPS	0 KIPS	0.00			
0:25:43	190.325								73	GONDOLA	0 KIPS	0 KIPS	0.00			
	190.891	0	19	RUN	1	250	12#	REL	68# 28#	-75:25	.03:3	1	GM108	0 KIPS	0 KIPS	0.02
	190.878								2	SD40	0 KIPS	-7 KIPS	0.03			
	190.865								3	SD40	-7 KIPS	-15 KIPS	0.03			
	190.853								4	GONDOLA	-15 KIPS	0 KIPS	0.00			
	190.879								27	GONDOLA	0 KIPS	0 KIPS	0.00			
	190.505								50	GONDOLA	0 KIPS	0 KIPS	0.00			
0:25:44	190.331								73	GONDOLA	0 KIPS	0 KIPS	0.00			
	190.898	0	19	RUN	1	250	12#	REL	68# 28#	-68:25	.01:4	1	GM108	0 KIPS	0 KIPS	0.00
	190.883								2	SD40	29 KIPS	0 KIPS	0.01			
	190.871								3	SD40	0 KIPS	-8 KIPS	0.01			
	190.859								4	GONDOLA	-8 KIPS	0 KIPS	0.00			
	190.884								27	GONDOLA	-58 KIPS	0 KIPS	0.00			
	190.510								50	GONDOLA	0 KIPS	0 KIPS	0.00			
0:25:45	190.336								73	GONDOLA	0 KIPS	0 KIPS	0.00			
	190.902	0	19	RUN	1	250	12#	REL	68# 28#	-79:31	.01:4	1	GM108	0 KIPS	0 KIPS	0.00
	190.888								2	SD40	6 KIPS	0 KIPS	0.01			
	190.876								3	SD40	0 KIPS	-8 KIPS	0.01			
	190.864								4	GONDOLA	-8 KIPS	0 KIPS	0.01			
	190.690								27	GONDOLA	-70 KIPS	-78 KIPS	0.01			
	190.515								50	GONDOLA	0 KIPS	0 KIPS	0.00			
190.341								73	GONDOLA	0 KIPS	0 KIPS	0.00				

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STATION TIME	MP	SPEED LMT RUN	THYLE TRN	AMPS IND	BRAKES PIPE	SETTING CYL	PRESSURE L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT	
0:25:46	190.907	0	18	RUN	1	251	12#	REL	68# 28#	GM108	0 KIPS	0 KIPS	0.00
	190.894								68# 28#	SD40	-30 KIPS	-30 KIPS	0.02
	190.881								68# 28#	SD40	-25 KIPS	-25 KIPS	0.03
	190.868								70# 18#	GONDOLA	-23 KIPS	-23 KIPS	0.03
	190.855								71# 18#	GONDOLA	-32 KIPS	-32 KIPS	0.00
0:25:47	190.842								72# 14#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.829								73# 13#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.816	0	18	RUN	1	251	12#	REL	68# 28#	GM108	23 KIPS	23 KIPS	0.00
	190.803								68# 28#	SD40	-7 KIPS	-7 KIPS	0.01
	190.790								70# 20#	SD40	-15 KIPS	-15 KIPS	0.01
0:25:48	190.777								71# 17#	GONDOLA	-8 KIPS	-8 KIPS	0.00
	190.764								72# 15#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.751								72# 14#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.738	0	18	RUN	1	251	12#	REL	68# 28#	GM108	8 KIPS	8 KIPS	0.00
	190.725								68# 28#	SD40	15 KIPS	15 KIPS	0.00
0:25:49	190.712								68# 28#	SD40	13 KIPS	13 KIPS	0.00
	190.699								68# 28#	SD40	11 KIPS	11 KIPS	0.00
	190.686								70# 21#	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.673								71# 18#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.660								71# 18#	GONDOLA	0 KIPS	0 KIPS	0.00
0:25:50	190.647								72# 15#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.634	0	18	RUN	1	251	12#	REL	68# 28#	GM108	8 KIPS	8 KIPS	0.00
	190.621								68# 28#	SD40	4 KIPS	4 KIPS	0.00
	190.608								68# 28#	SD40	0 KIPS	0 KIPS	0.00
	190.595								68# 28#	GONDOLA	-2 KIPS	-2 KIPS	0.00
0:25:51	190.582								70# 19#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.569								71# 17#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.556								72# 16#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.543	0	18	RUN	1	251	12#	REL	68# 28#	GM108	8 KIPS	8 KIPS	0.00
	190.530								68# 28#	SD40	-34 KIPS	-34 KIPS	0.00
0:25:52	190.517								68# 28#	SD40	-54 KIPS	-54 KIPS	0.00
	190.504								68# 28#	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.491								68# 28#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.478								70# 20#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.465								71# 18#	GONDOLA	0 KIPS	0 KIPS	0.00
0:25:53	190.452								71# 18#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.439	0	18	RUN	1	251	12#	REL	68# 28#	GM108	-77 KIPS	-77 KIPS	0.01
	190.426								68# 28#	SD40	-78 KIPS	-78 KIPS	0.03
	190.413								68# 28#	SD40	-87 KIPS	-87 KIPS	0.02
	190.400								68# 28#	GONDOLA	-58 KIPS	-58 KIPS	0.00
0:25:54	190.387								70# 21#	GONDOLA	-10 KIPS	-10 KIPS	0.00
	190.374								71# 19#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.361								71# 18#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.348	0	18	RUN	1	251	12#	REL	68# 28#	GM108	-77 KIPS	-77 KIPS	0.00
	190.335								68# 28#	SD40	-78 KIPS	-78 KIPS	0.01
0:25:55	190.322								68# 28#	SD40	-87 KIPS	-87 KIPS	0.03
	190.309								68# 28#	GONDOLA	-58 KIPS	-58 KIPS	0.02
	190.296								70# 21#	GONDOLA	-10 KIPS	-10 KIPS	0.00
	190.283								71# 19#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.270								71# 18#	GONDOLA	0 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING 12#	REL	BRAKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
												FORE	AFT	
0:25:52	180.937	0	18	RUN	1	251	12#	REL	58# 28#	1	GM108	0 KIPS	41 KIPS	0.00
	180.924								58# 28#	2	SD40	41 KIPS	-6 KIPS	0.00
	180.912								58# 28#	3	SD40	-8 KIPS	-13 KIPS	0.01
	180.899								58# 24#	4	GONDOLA	-13 KIPS	-13 KIPS	0.01
	180.725								70# 19#	27	GONDOLA	-4 KIPS	-3 KIPS	0.00
	180.551								70# 18#	50	GONDOLA	0 KIPS	0 KIPS	0.00
	180.376								71# 18#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0:25:53	180.942	0	17	RUN	1	251	12#	REL	58# 28#	1	GM108	0 KIPS	11 KIPS	0.00
	180.929								58# 28#	2	SD40	11 KIPS	22 KIPS	0.00
	180.916								58# 28#	3	SD40	22 KIPS	-7 KIPS	0.00
	180.904								58# 25#	4	GONDOLA	-7 KIPS	-7 KIPS	0.00
	180.730								58# 22#	27	GONDOLA	-2 KIPS	-2 KIPS	0.00
	180.556								70# 20#	50	GONDOLA	0 KIPS	0 KIPS	0.00
	180.381								70# 19#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0:25:54	180.947	0	17	RUN	1	251	12#	REL	58# 28#	1	GM108	0 KIPS	8 KIPS	0.00
	180.933								58# 28#	2	SD40	8 KIPS	0 KIPS	0.00
	180.921								58# 28#	3	SD40	0 KIPS	-15 KIPS	0.01
	180.808								58# 28#	4	GONDOLA	-15 KIPS	-13 KIPS	0.01
	180.735								58# 23#	27	GONDOLA	-8 KIPS	-8 KIPS	0.00
	180.560								70# 21#	50	GONDOLA	0 KIPS	-5 KIPS	0.00
	180.386								70# 20#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0:25:55	180.951	0	17	RUN	1	252	12#	REL	58# 28#	1	GM108	0 KIPS	8 KIPS	0.00
	180.938								58# 28#	2	SD40	8 KIPS	-28 KIPS	0.02
	180.926								58# 28#	3	SD40	-28 KIPS	-24 KIPS	0.03
	180.914								58# 27#	4	GONDOLA	-24 KIPS	-21 KIPS	0.03
	180.738								58# 24#	27	GONDOLA	-8 KIPS	-8 KIPS	0.01
	180.565								58# 22#	50	GONDOLA	-18 KIPS	-16 KIPS	0.00
	180.391								70# 20#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0:25:56	180.956	0	17	RUN	1	252	12#	REL	58# 28#	1	GM108	0 KIPS	0 KIPS	0.00
	180.943								58# 28#	2	SD40	0 KIPS	-7 KIPS	0.02
	180.831								58# 28#	3	SD40	-7 KIPS	-14 KIPS	0.03
	180.918								58# 27#	4	GONDOLA	-14 KIPS	-14 KIPS	0.03
	180.744								58# 24#	27	GONDOLA	-10 KIPS	-10 KIPS	0.01
	180.570								58# 23#	50	GONDOLA	-7 KIPS	-2 KIPS	0.00
	180.396								70# 21#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0:25:57	180.961	0	17	RUN	1	252	12#	REL	58# 28#	1	GM108	0 KIPS	0 KIPS	0.00
	180.948								58# 28#	2	SD40	0 KIPS	-7 KIPS	0.02
	180.935								58# 28#	3	SD40	-7 KIPS	-14 KIPS	0.03
	180.823								58# 28#	4	GONDOLA	-14 KIPS	-14 KIPS	0.03
	180.749								58# 25#	27	GONDOLA	-11 KIPS	-11 KIPS	0.01
	180.574								58# 23#	50	GONDOLA	-15 KIPS	-18 KIPS	0.00
	180.400								58# 22#	73	GONDOLA	-8 KIPS	0 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THITLE 1	AMPS 252	SETTING 12#	REL	BRAKES TRN INO PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO			
											DRAMBAR FORCES FORE	AFT				
0:25:58	190.985	0	16	RUN	1	252	12#	REL	68# 28#	30:2	.01:4	1	GM108	0 KIPS	30 KIPS	0.00
	190.952								68# 28#			2	SD40	0 KIPS	0 KIPS	0.00
	190.940								68# 28#			3	SD40	0 KIPS	-7 KIPS	0.01
	190.927								68# 28#			4	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.753								68# 28#			27	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.578								68# 24#			50	GONDOLA	-3 KIPS	-3 KIPS	0.00
0:25:59	190.405								68# 23#			73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.970	0	16	RUN	1	252	12#	REL	68# 28#	19:3	.00:	1	GM108	0 KIPS	10 KIPS	0.00
	190.957								68# 28#			2	SD40	10 KIPS	18 KIPS	0.00
	190.944								68# 28#			3	SD40	-7 KIPS	-7 KIPS	0.00
	190.932								68# 28#			4	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.758								68# 27#			27	GONDOLA	-7 KIPS	-7 KIPS	0.00
0:26:0	190.583								68# 25#			50	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.408								68# 23#			73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.974	0	16	RUN	1	252	12#	REL	68# 28#	-15:3	.03:3	1	GM108	0 KIPS	8 KIPS	0.00
	190.951								68# 28#			2	SD40	8 KIPS	-15 KIPS	0.02
	190.949								68# 28#			3	SD40	-14 KIPS	-14 KIPS	0.03
	190.936								68# 28#			4	GONDOLA	-13 KIPS	-13 KIPS	0.03
0:26:1	190.762								68# 27#			27	GONDOLA	-11 KIPS	-11 KIPS	0.01
	190.588								68# 25#			50	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.414								68# 24#			73	GONDOLA	0 KIPS	0 KIPS	0.01
	190.978	0	16	RUN	1	252	12#	REL	68# 28#	-13:4	.01:4	1	GM108	0 KIPS	12 KIPS	0.00
	190.965								68# 28#			2	SD40	12 KIPS	0 KIPS	0.00
	190.953								68# 28#			3	SD40	0 KIPS	-13 KIPS	0.01
0:26:2	190.941								68# 28#			4	GONDOLA	-13 KIPS	-13 KIPS	0.01
	190.766								67# 28#			27	GONDOLA	-10 KIPS	-10 KIPS	0.00
	190.592								68# 26#			50	GONDOLA	-8 KIPS	-8 KIPS	0.00
	190.418								68# 25#			73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.983	0	15	RUN	1	252	12#	REL	68# 28#	-7:4	.01:4	1	GM108	0 KIPS	8 KIPS	0.00
	190.970								68# 28#			2	SD40	8 KIPS	0 KIPS	0.00
0:26:3	190.957								68# 28#			3	SD40	0 KIPS	-7 KIPS	0.01
	190.945								68# 28#			4	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.771								67# 28#			27	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.597								68# 27#			50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.422								68# 25#			73	GONDOLA	0 KIPS	0 KIPS	0.00
	190.987	0	15	RUN	1	252	12#	REL	68# 28#	-18:82	.01:4	1	GM108	0 KIPS	8 KIPS	0.00
0:26:4	190.974								68# 28#			2	SD40	8 KIPS	0 KIPS	0.00
	190.962								68# 28#			3	SD40	0 KIPS	-7 KIPS	0.01
	190.949								68# 28#			4	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.775								67# 28#			27	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.601								68# 27#			50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.426								68# 26#			73	GONDOLA	0 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S	SETTING TRN IND PIPE CYL	BRAKES PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE	AFT	L/V RATIO
0:26: 4	190.991	0	15	RUN 1	253 12# REL	68# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	190.978					68# 28#	2	SD40	0 KIPS	-9 KIPS	0.00
	190.986					68# 28#	3	SD40	-8 KIPS	-8 KIPS	0.01
	190.983					68# 28#	4	GONDOLA	-8 KIPS	-7 KIPS	0.01
	190.778					67# 28#	27	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.605					67# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.431					68# 27#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0:26: 5	190.995	0	15	RUN 1	253 12# REL	68# 28#	1	GM108	0 KIPS	8 KIPS	0.00
	190.982					68# 28#	2	SD40	-1 KIPS	-1 KIPS	0.00
	190.970					68# 28#	3	SD40	-7 KIPS	-7 KIPS	0.02
	190.957					68# 28#	4	GONDOLA	-7 KIPS	-7 KIPS	0.02
	190.783					67# 28#	27	GONDOLA	-5 KIPS	-4 KIPS	0.00
	190.608					67# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.435					67# 27#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0:26: 6	190.999	0	14	RUN 1	253 12# REL	68# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	190.986					68# 28#	2	SD40	-1 KIPS	-1 KIPS	0.00
	190.974					68# 28#	3	SD40	-7 KIPS	-7 KIPS	0.02
	190.961					68# 28#	4	GONDOLA	-7 KIPS	-7 KIPS	0.02
	190.787					67# 28#	27	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.613					67# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.438					67# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0:26: 6	191.000	0	14	RUN 1	253 12# REL	68# 28#	1	GM108	0 KIPS	8 KIPS	0.00
	190.987					68# 28#	2	SD40	-1 KIPS	-1 KIPS	0.00
	190.975					68# 28#	3	SD40	-7 KIPS	-7 KIPS	0.02
	190.962					68# 28#	4	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.788					67# 28#	27	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.614					67# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.440					67# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0:26: 7	191.004	0	14	RUN 1	253 12# REL	68# 28#	1	GM108	0 KIPS	8 KIPS	0.00
	190.991					68# 28#	2	SD40	-1 KIPS	-1 KIPS	0.00
	190.978					68# 28#	3	SD40	-7 KIPS	-7 KIPS	0.02
	190.965					68# 28#	4	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.792					67# 28#	27	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.618					67# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.443					67# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00
0:26: 8	191.008	0	14	RUN 1	253 12# REL	68# 28#	1	GM108	0 KIPS	8 KIPS	0.00
	190.995					68# 28#	2	SD40	-1 KIPS	-1 KIPS	0.00
	190.982					68# 28#	3	SD40	-7 KIPS	-7 KIPS	0.01
	190.970					68# 28#	4	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.796					67# 28#	27	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.622					67# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.447					67# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00

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PAGE NO 41

STATION TIME	MP	SPEED LIMIT RUN	THRTLE AMPS	SETTING TRN INO PIPE	BRAKES CYL	PRESSURE L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRABBAR FORCES FORE	DRABBAR FORCES AFT	
0:28:9	191.012	0	13	RUN	1	253	12# REL	68# 28#	GM108	0 KIPS	8 KIPS	0.00
	190.998							68# 28#	SD40	0 KIPS	-1 KIPS	0.00
	190.986							68# 28#	SD40	-1 KIPS	-7 KIPS	0.01
	190.974							68# 28#	GONDOLA	-7 KIPS	-5 KIPS	0.01
	190.800							67# 28#	GONDOLA	-5 KIPS	-2 KIPS	0.00
0:28:10	190.625							67# 28#	GONDOLA	-2 KIPS	0 KIPS	0.00
	190.451							67# 28#	GM108	0 KIPS	8 KIPS	0.00
	191.014	0	13	RUN	1	254	12# REL	68# 28#	SD40	0 KIPS	-1 KIPS	0.00
	191.001							68# 28#	SD40	-1 KIPS	-7 KIPS	0.01
	190.989							68# 28#	GONDOLA	-7 KIPS	-4 KIPS	0.00
0:28:11	190.977							67# 28#	GONDOLA	-4 KIPS	0 KIPS	0.00
	190.803							67# 28#	GONDOLA	0 KIPS	8 KIPS	0.00
	190.628							67# 28#	GM108	0 KIPS	8 KIPS	0.00
	190.454							67# 28#	SD40	0 KIPS	-1 KIPS	0.01
	191.018	0	13	RUN	1	254	12# REL	68# 28#	GONDOLA	-7 KIPS	-4 KIPS	0.00
0:28:12	191.005							68# 28#	GONDOLA	-4 KIPS	0 KIPS	0.00
	190.993							68# 28#	GM108	0 KIPS	8 KIPS	0.00
	190.980							68# 28#	SD40	0 KIPS	-1 KIPS	0.00
	190.808							67# 28#	SD40	-1 KIPS	-7 KIPS	0.01
	190.632							67# 28#	GONDOLA	-7 KIPS	-4 KIPS	0.00
0:28:13	190.458							67# 28#	GONDOLA	-4 KIPS	0 KIPS	0.00
	191.022	0	13	RUN	1	254	12# REL	68# 28#	GM108	0 KIPS	8 KIPS	0.00
	191.008							68# 28#	SD40	0 KIPS	-1 KIPS	0.00
	190.998							68# 28#	SD40	-1 KIPS	-7 KIPS	0.01
	190.984							68# 28#	GONDOLA	-7 KIPS	-4 KIPS	0.00
0:28:14	190.810							67# 28#	GONDOLA	-4 KIPS	0 KIPS	0.00
	190.635							67# 28#	GONDOLA	0 KIPS	8 KIPS	0.00
	190.461							67# 28#	GM108	0 KIPS	8 KIPS	0.00
	191.025	0	12	RUN	1	254	12# REL	68# 28#	SD40	0 KIPS	-1 KIPS	0.01
	191.012							68# 28#	SD40	-1 KIPS	-7 KIPS	0.00
0:28:15	191.000							68# 28#	GONDOLA	-7 KIPS	-4 KIPS	0.00
	190.987							68# 28#	GONDOLA	-4 KIPS	0 KIPS	0.00
	190.813							67# 28#	GM108	0 KIPS	8 KIPS	0.00
	190.638							67# 28#	SD40	0 KIPS	-1 KIPS	0.01
	190.465							67# 28#	GONDOLA	-7 KIPS	-4 KIPS	0.00
0:28:16	191.028	0	12	RUN	1	254	12# REL	68# 28#	GM108	0 KIPS	8 KIPS	0.00
	191.016							68# 28#	SD40	0 KIPS	-1 KIPS	0.01
	191.003							68# 28#	SD40	-1 KIPS	-7 KIPS	0.00
	190.991							68# 28#	GONDOLA	-7 KIPS	-4 KIPS	0.00
	190.817							67# 28#	GONDOLA	-4 KIPS	0 KIPS	0.00
190.642								50	GONDOLA	-2 KIPS	0 KIPS	0.00
	190.468							73	GONDOLA	0 KIPS	8 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE CYL	BRAKES	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	VEHICLES AFT	
0:26:15	191.032	0	12	1	254	12#	REL	88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	191.018							88# 28#	2	SD40	0 KIPS	0 KIPS	0.00
	191.007							88# 28#	3	SD40	0 KIPS	0 KIPS	0.01
	190.984							88# 28#	4	GONDOLA	-6 KIPS	-6 KIPS	0.01
	190.820							87# 28#	27	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.846							67# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
0:26:16	190.472							67# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.035	0	12	1	255	12#	REL	88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	191.022							88# 28#	2	SD40	0 KIPS	0 KIPS	0.00
	191.010							88# 28#	3	SD40	0 KIPS	0 KIPS	0.01
	190.998							88# 28#	4	GONDOLA	-6 KIPS	-6 KIPS	0.01
	190.823							87# 28#	27	GONDOLA	-4 KIPS	-4 KIPS	0.00
0:26:17	190.649							87# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.475							87# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.038	0	11	1	255	12#	REL	88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	191.025							88# 28#	2	SD40	0 KIPS	0 KIPS	0.00
	191.013							88# 28#	3	SD40	0 KIPS	0 KIPS	0.01
	191.001							88# 28#	4	GONDOLA	-6 KIPS	-6 KIPS	0.01
0:26:18	190.826							87# 28#	27	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.652							87# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.478							87# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.042	0	11	1	255	12#	REL	88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	191.028							88# 28#	2	SD40	0 KIPS	0 KIPS	0.00
	191.016							88# 28#	3	SD40	0 KIPS	0 KIPS	0.01
0:26:19	191.004							88# 28#	4	GONDOLA	-6 KIPS	-6 KIPS	0.01
	190.830							87# 28#	27	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.655							87# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.481							87# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.045	0	11	1	255	12#	REL	88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
	191.032							88# 28#	2	SD40	0 KIPS	0 KIPS	0.00
0:26:20	191.018							88# 28#	3	SD40	0 KIPS	0 KIPS	0.01
	191.007							88# 28#	4	GONDOLA	-6 KIPS	-6 KIPS	0.01
	190.833							87# 28#	27	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.658							87# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.484							87# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00
	191.048	0	11	1	255	12#	REL	88# 28#	1	GM108	0 KIPS	6 KIPS	0.00
0:26:21	191.035							88# 28#	2	SD40	0 KIPS	0 KIPS	0.00
	191.022							88# 28#	3	SD40	0 KIPS	0 KIPS	0.01
	191.010							88# 28#	4	GONDOLA	-6 KIPS	-6 KIPS	0.01
	190.836							87# 28#	27	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.661							87# 28#	50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.487							87# 28#	73	GONDOLA	0 KIPS	0 KIPS	0.00

QCM E-D-70/5/ GM10B ELECTRIC ONLY.

STATION TIME	MP	SPEED LMT RUN	THLTL AMPS TRN	SETTING IND	PRESSURE PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO					
									DRABAR FORCES FORE	AFI						
0:26:21	191.050	0	10	RUN	1	255	12#	REL	68# 28#	5:2	.01:4	1	GM10B	0 KIPS	5 KIPS	0.00
	191.037								68# 28#			2	SD40	5 KIPS	0 KIPS	0.00
	191.025								68# 28#			3	SD40	0 KIPS	-5 KIPS	0.01
	191.013								68# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.01
	190.839								67# 28#			27	GONDOLA	-4 KIPS	-3 KIPS	0.00
	190.864								67# 28#			50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.884								67# 28#			73	GONDOLA	0 KIPS	0 KIPS	0.00
0:26:22	190.490								67# 28#			1	GM10B	0 KIPS	5 KIPS	0.00
	191.053	0	10	RUN	1	255	12#	REL	68# 28#	5:2	.01:4	2	SD40	5 KIPS	0 KIPS	0.00
	191.040								68# 28#			3	SD40	0 KIPS	-5 KIPS	0.01
	191.028								68# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.01
	191.016								68# 28#			27	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.841								67# 28#			50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.867								67# 28#			73	GONDOLA	0 KIPS	0 KIPS	0.00
0:26:23	190.493								67# 28#			1	GM10B	0 KIPS	5 KIPS	0.00
	191.056	0	10	RUN	1	255	12#	REL	68# 28#	5:2	.01:4	2	SD40	5 KIPS	0 KIPS	0.00
	191.043								68# 28#			3	SD40	0 KIPS	-5 KIPS	0.01
	191.031								68# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.01
	191.018								68# 28#			27	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.844								67# 28#			50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.870								67# 28#			73	GONDOLA	0 KIPS	0 KIPS	0.00
0:26:24	190.496								67# 28#			1	GM10B	0 KIPS	5 KIPS	0.00
	191.059	0	9	RUN	1	255	12#	REL	68# 28#	5:2	.01:4	2	SD40	5 KIPS	0 KIPS	0.00
	191.046								68# 28#			3	SD40	0 KIPS	-5 KIPS	0.01
	191.033								68# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.01
	191.021								68# 28#			27	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.847								67# 28#			50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.872								67# 28#			73	GONDOLA	0 KIPS	0 KIPS	0.00
0:26:25	190.498								67# 28#			1	GM10B	0 KIPS	5 KIPS	0.00
	191.061	0	9	RUN	1	255	12#	REL	68# 28#	10:3	.00:	2	SD40	5 KIPS	0 KIPS	0.00
	191.048								68# 28#			3	SD40	0 KIPS	-5 KIPS	0.00
	191.036								68# 28#			4	GONDOLA	-5 KIPS	-5 KIPS	0.00
	191.024								68# 28#			27	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.849								67# 28#			50	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.875								67# 28#			73	GONDOLA	-1 KIPS	0 KIPS	0.00
0:26:26	190.501								67# 28#			1	GM10B	0 KIPS	5 KIPS	0.00
	191.064	0	9	RUN	1	255	12#	REL	68# 28#	-7:4	.00:	2	SD40	5 KIPS	0 KIPS	0.00
	191.051								68# 28#			3	SD40	0 KIPS	-7 KIPS	0.00
	191.038								68# 28#			4	GONDOLA	-7 KIPS	-7 KIPS	0.00
	191.026								68# 28#			27	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.852								67# 28#			50	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.878								67# 28#			73	GONDOLA	-3 KIPS	0 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS 1	255	12#	REL	BRAKES TRN IND PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER		DRAWBAR FORCES FORE	AFT	L/V RATIO
0:28:27	191.066	0	9	RUN	1	255	12#	REL	68# 28#	5:2 .00:	1	GM108	0 KIPS	0 KIPS	5 KIPS	0.00
	191.053								68# 28#		2	SD40	5 KIPS	0 KIPS	4 KIPS	0.00
	191.041								68# 28#		3	SD40	0 KIPS	0 KIPS	-4 KIPS	0.00
	191.028								68# 28#		4	GONDOLA	-4 KIPS	-4 KIPS	-4 KIPS	0.00
	190.854								67# 28#		27	GONDOLA	-3 KIPS	-3 KIPS	-2 KIPS	0.00
	190.880								67# 28#		50	GONDOLA	-2 KIPS	-2 KIPS	0 KIPS	0.00
	190.508								67# 28#		73	GONDOLA	0 KIPS	0 KIPS	0 KIPS	0.00
0:28:28	191.069	0	8	RUN	1	255	12#	REL	68# 28#	5:2 .00:	1	GM108	0 KIPS	5 KIPS	5 KIPS	0.00
	191.085								68# 28#		2	SD40	0 KIPS	0 KIPS	0 KIPS	0.00
	191.043								68# 28#		3	SD40	0 KIPS	0 KIPS	-4 KIPS	0.00
	191.031								68# 28#		4	GONDOLA	-4 KIPS	-4 KIPS	-4 KIPS	0.00
	190.857								67# 28#		27	GONDOLA	-3 KIPS	-3 KIPS	-3 KIPS	0.00
	190.882								67# 28#		50	GONDOLA	-1 KIPS	-1 KIPS	-1 KIPS	0.00
	190.508								67# 28#		73	GONDOLA	0 KIPS	0 KIPS	0 KIPS	0.00
0:28:29	191.071	0	8	RUN	1	255	12#	REL	68# 28#	5:2 .00:	1	GM108	0 KIPS	5 KIPS	5 KIPS	0.00
	191.058								68# 28#		2	SD40	0 KIPS	0 KIPS	0 KIPS	0.00
	191.045								68# 28#		3	SD40	0 KIPS	0 KIPS	-4 KIPS	0.00
	191.033								68# 28#		4	GONDOLA	-4 KIPS	-4 KIPS	-4 KIPS	0.00
	190.859								67# 28#		27	GONDOLA	-3 KIPS	-3 KIPS	-3 KIPS	0.00
	190.885								67# 28#		50	GONDOLA	-1 KIPS	-1 KIPS	-1 KIPS	0.00
	190.510								67# 28#		73	GONDOLA	0 KIPS	0 KIPS	0 KIPS	0.00
0:28:30	191.073	0	8	RUN	1	255	12#	REL	68# 28#	5:2 .00:	1	GM108	0 KIPS	5 KIPS	5 KIPS	0.00
	191.060								68# 28#		2	SD40	0 KIPS	0 KIPS	0 KIPS	0.00
	191.048								68# 28#		3	SD40	0 KIPS	0 KIPS	-4 KIPS	0.00
	191.035								68# 28#		4	GONDOLA	-4 KIPS	-4 KIPS	-4 KIPS	0.00
	190.861								67# 28#		27	GONDOLA	-3 KIPS	-3 KIPS	-2 KIPS	0.00
	190.887								67# 28#		50	GONDOLA	-1 KIPS	-1 KIPS	-1 KIPS	0.00
	190.512								67# 28#		73	GONDOLA	0 KIPS	0 KIPS	0 KIPS	0.00
0:28:31	191.075	0	7	RUN	1	255	12#	REL	68# 28#	14:3 .00:	1	GM108	0 KIPS	0 KIPS	7 KIPS	0.00
	191.062								68# 28#		2	SD40	0 KIPS	0 KIPS	14 KIPS	0.00
	191.050								68# 28#		3	SD40	14 KIPS	0 KIPS	0 KIPS	0.00
	191.037								68# 28#		4	GONDOLA	0 KIPS	0 KIPS	-1 KIPS	0.00
	190.863								67# 28#		27	GONDOLA	-1 KIPS	-1 KIPS	-1 KIPS	0.00
	190.889								67# 28#		50	GONDOLA	-1 KIPS	-1 KIPS	-1 KIPS	0.00
	190.515								67# 28#		73	GONDOLA	-1 KIPS	0 KIPS	0 KIPS	0.00
0:28:32	191.077	0	7	RUN	1	255	12#	REL	68# 28#	6:2 .00:	1	GM108	0 KIPS	0 KIPS	8 KIPS	0.00
	191.064								68# 28#		2	SD40	0 KIPS	0 KIPS	3 KIPS	0.00
	191.052								68# 28#		3	SD40	3 KIPS	0 KIPS	0 KIPS	0.00
	191.039								68# 28#		4	GONDOLA	0 KIPS	0 KIPS	0 KIPS	0.00
	190.865								67# 28#		27	GONDOLA	0 KIPS	0 KIPS	0 KIPS	0.00
	190.891								67# 28#		50	GONDOLA	0 KIPS	0 KIPS	0 KIPS	0.00
	190.517								67# 28#		73	GONDOLA	0 KIPS	0 KIPS	0 KIPS	0.00

QCM 2-D-70/5/ GM108 ELECTRIC ONLY.

STATION TIME	SPEED LMT RUN	THYLE AMPS RUN	SETTING TRN IND PIPE CVL	PRESSURE KIPS:CAR L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
								DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0:26:33	0	7	RUN 1	255 12# REL	5:2 .00:	1	GM108	0 KIPS	5 KIPS	0.00
								5 KIPS	3 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
0:26:34	0	6	RUN 1	255 12# REL	5:2 .00:	2	GM108	0 KIPS	5 KIPS	0.00
								5 KIPS	3 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
0:26:35	0	6	RUN 1	255 12# REL	7:4 .00:	3	GM108	0 KIPS	5 KIPS	0.00
								5 KIPS	3 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
0:26:36	0	6	RUN 1	255 12# REL	4:2 .00:	4	GM108	0 KIPS	5 KIPS	0.00
								5 KIPS	3 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
0:26:37	0	5	RUN 1	255 12# REL	15:5 .00:	5	GM108	0 KIPS	5 KIPS	0.00
								5 KIPS	3 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
0:26:38	0	5	RUN 1	255 12# REL	21:8 .00:	6	GM108	0 KIPS	5 KIPS	0.00
								5 KIPS	3 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00
								0 KIPS	0 KIPS	0.00

-----> IDLE
-----> CONTINUE UNTIL SPEED REACHES 0 M.P.H.

STATION TIME	MP	SPEED LMT RUN	THYLE IDLE	AMPS 0 12# REL	BRAKES TRN IND PIPE CYL	SETTING PRESSURE	(AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRANBAR FORCES FORE	DRANBAR FORCES AFT	
0:28:38	191.089	0	5	IDLE	0	12# REL	68# 28# 68# 28# 68# 28# 68# 28# 68# 28#	1	GM10B	0 KIPS	0 KIPS	0.00
	191.078											
	191.063											
	191.051											
	190.877											
0:28:40	190.702	0	4	IDLE	0	12# REL	67# 28# 67# 28# 67# 28# 67# 28# 67# 28#	27	GONDOLA	0 KIPS	0 KIPS	0.00
	190.528											
	191.090											
	191.077											
	191.064											
0:28:41	191.052	0	4	IDLE	0	12# REL	68# 28# 68# 28# 68# 28# 68# 28# 68# 28#	3	SD40	-103 KIPS	-94 KIPS	0.03
	190.878											
	190.704											
	190.528											
	191.091											
0:28:42	191.078	0	4	IDLE	0	12# REL	68# 28# 68# 28# 68# 28# 68# 28# 68# 28#	1	GM10B	0 KIPS	0 KIPS	0.00
	191.066											
	191.053											
	190.879											
	190.705											
0:28:43	190.531	0	4	IDLE	0	12# REL	67# 28# 67# 28# 67# 28# 67# 28# 67# 28#	27	GONDOLA	0 KIPS	0 KIPS	0.00
	191.092											
	191.079											
	191.067											
	191.054											
0:28:44	190.880	0	3	IDLE	0	12# REL	68# 28# 68# 28# 68# 28# 68# 28# 68# 28#	2	SD40	-16 KIPS	-16 KIPS	0.05
	190.706											
	190.532											
	191.093											
	191.080											
0:28:45	191.068	0	3	IDLE	0	12# REL	67# 28# 67# 28# 67# 28# 67# 28# 67# 28#	27	GONDOLA	0 KIPS	0 KIPS	0.00
	191.056											
	190.881											
	190.707											
	190.533											
0:28:46	191.094	0	3	IDLE	0	12# REL	68# 28# 68# 28# 68# 28# 68# 28# 68# 28#	1	GM10B	0 KIPS	0 KIPS	0.00
	191.081											
	191.068											
	191.056											
	190.882											
0:28:47	190.708	0	3	IDLE	0	12# REL	67# 28# 67# 28# 67# 28# 67# 28# 67# 28#	27	GONDOLA	0 KIPS	0 KIPS	0.00
	190.533											
	191.094											
	191.081											
	191.068											

QCM 5-D-70/5/ GM10B ELECTRIC ONLY.

STATION TIME	MP	SPEED LMT RUN	THYLE IDLE	AMPS 0 2	SETTING REL	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRANBAR FORCES FORE AFT	L/V RATIO
0:28:45	191.084	0	2	0	12#	REL	68# 28#	-119:29 .07:3	1	GM10B	-10 KIPS	0.02
	191.081						68# 28#		2	SD40	-19 KIPS	0.06
	191.069						68# 28#		3	SD40	-29 KIPS	0.07
	191.057						68# 28#		4	GONDOLA	-28 KIPS	0.06
	190.882						67# 28#		27	GONDOLA	-117 KIPS	0.00
	190.708						67# 28#		50	GONDOLA	0 KIPS	0.00
	190.534						67# 28#		73	GONDOLA	0 KIPS	0.00
0:28:46	191.095	0	2	0	12#	REL	68# 28#	-117:30 .07:3	1	GM10B	-10 KIPS	0.02
	191.082						68# 28#		2	SD40	-20 KIPS	0.06
	191.070						68# 28#		3	SD40	-29 KIPS	0.07
	191.057						68# 28#		4	GONDOLA	-28 KIPS	0.06
	190.883						67# 28#		27	GONDOLA	-84 KIPS	0.00
	190.709						67# 28#		50	GONDOLA	0 KIPS	0.00
	190.535						67# 28#		73	GONDOLA	0 KIPS	0.00
0:28:47	191.095	0	1	0	12#	REL	68# 28#	-121:36 .07:3	1	GM10B	-10 KIPS	0.02
	191.082						68# 28#		2	SD40	-20 KIPS	0.06
	191.070						68# 28#		3	SD40	-30 KIPS	0.07
	191.058						68# 28#		4	GONDOLA	-29 KIPS	0.06
	190.883						67# 28#		27	GONDOLA	-46 KIPS	0.01
	190.709						67# 28#		50	GONDOLA	0 KIPS	0.00
	190.535						67# 28#		73	GONDOLA	0 KIPS	0.00
0:28:48	191.096	0	1	0	12#	REL	68# 28#	-120:43 .07:3	1	GM10B	-10 KIPS	0.02
	191.083						68# 28#		2	SD40	-20 KIPS	0.06
	191.070						68# 28#		3	SD40	-30 KIPS	0.07
	191.058						68# 28#		4	GONDOLA	-28 KIPS	0.06
	190.884						67# 28#		27	GONDOLA	-12 KIPS	0.01
	190.710						67# 28#		50	GONDOLA	0 KIPS	0.00
	190.535						67# 28#		73	GONDOLA	0 KIPS	0.00
0:28:49	191.096	0	0	0	12#	REL	68# 28#	-121:48 .07:3	1	GM10B	-10 KIPS	0.02
	191.083						68# 28#		2	SD40	-20 KIPS	0.06
	191.071						68# 28#		3	SD40	-30 KIPS	0.07
	191.058						68# 28#		4	GONDOLA	-29 KIPS	0.06
	190.884						67# 28#		27	GONDOLA	-14 KIPS	0.02
	190.710						67# 28#		50	GONDOLA	0 KIPS	0.00
	190.535						67# 28#		73	GONDOLA	0 KIPS	0.00

-----> STOP COMPUTER RUN

MAXIMUM FORCES FOR THIS CASE

A MAX. DRAFT COUPLER FORCE: 263 KIPS ON VEH. 4 AT 0:10:11
 MAX. BUFF COUPLER FORCE: -154 KIPS ON VEH. 65 AT 0: 6:24
 MAXIMUM L/V : 0.38 ON VEH. 3 AT 0: 9:32

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QCN D-70-E/O/ GM108

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TRAIN SUMMARY

LEAD LOCOMOTIVES	HELPER LOCOMOTIVES	CARS	TRAILING TONNAGE	TOTAL TONNAGE	TOTAL LENGTH
2	1	71	8830	9418	3037'

VEHICLE LISTING

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1- 2	LOCO (2)	SD40	65'	197T		M380	28"	12X40"	COMP/PL	J1.6
3- 72	CARS (70)	LG4	40'	128T		MK50	28"	8X38"	C.I.	AB
73	GM108		69'	195T		M380	28"	12X50"	COMP/PL	J1.6
74	CABOOSE	ECAB	38'	10T		MK50	33"	8X33"	C.I.	AB

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COLP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1- 2	LOCO (2)	SD40	66'	197T		M380	28"	12X40"	COMP/PL	J1.6

DYNAMIC BRAKES: TAPERED ; EXTENDED RANGE
 DYNAMIC BRAKE INTERLOCK (DBI) : NO RECOVERY AFTER DYNAMIC BRAKE OFF
 INDEPENDENT PRESSURE SWITCH (IPS) ACTIVATED AT: 15 P.S.I.

SPEED (MPH):	5	15	30	45	60	75
ENGINE TRACTIVE FORCE:	70000#	83202#	31000#	20222#	15166#	12133#
ENGINE H.P. AT RAIL:	833	2528	2480	2428	2428	2428
DYNAMIC BRAKE FORCE:	34534#	53888#	48801#	32400#	24300#	19440#
DYNAMIC H.P. AT RAIL:	460	2159	3886	3886	3886	3886

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
73	QM108		60'	195T		M380	28"	12X50"	COMP/PL	J1.6

DYNAMIC BRAKES: NONE

TRANSITION SPEED: 20 MPH

SPEED (MPH):	5	15	30	45	60	75
ENGINE TRACTIVE FORCE:	136558#	135678#	134353#	101248#	75934#	60748#
ENGINE H.P. AT RAIL:	1820	5427	10748	12149	12149	12149
DYNAMIC BRAKE FORCE:	0#	0#	0#	0#	0#	0#
DYNAMIC H.P. AT RAIL:	0	0	0	0	0	0

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GM108

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STATION TIME	MP	SPEED LMT	THTLT RUN	AMPS TRN	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
					SETTING IND	PIPE				DRAWBAR FORCES FORE	AFT			
0: 0:40	182.903	0	4	RUN 1	244	REL	80# 0#	33:3	.13:73	1	SD40	0 KIPS	17 KIPS	0.00
	182.890						80# 0#			2	SD40	17 KIPS	33 KIPS	0.00
	182.878						80# 0#			3	GONDOLA	33 KIPS	33 KIPS	0.00
	182.689						80# 0#			28	GONDOLA	14 KIPS	13 KIPS	0.10
	182.530						80# 0#			49	GONDOLA	-12 KIPS	-10 KIPS	0.10
HELPERS	182.355						80# 0#			72	GONDOLA	-16 KIPS	-16 KIPS	0.09
	182.348						80# 0#			73	GM10B	-15 KIPS	1 KIPS	0.13
	0: 0:50	182.914	0	5	RUN 1	255 REL REL	80# 0#	29:3	.13:73	1	SD40	0 KIPS	15 KIPS	0.00
	182.902						80# 0#			2	SD40	15 KIPS	29 KIPS	0.00
	182.890						80# 0#			3	GONDOLA	29 KIPS	29 KIPS	0.00
HELPERS	182.700						80# 0#			28	GONDOLA	14 KIPS	13 KIPS	0.10
	182.541						80# 0#			49	GONDOLA	17 KIPS	16 KIPS	0.09
	182.387						80# 0#			72	GONDOLA	-15 KIPS	-16 KIPS	0.09
	182.359						80# 0#			73	GM10B	-16 KIPS	9 KIPS	0.13
	0: 1: 0	182.928	0	5	RUN 1	255 REL REL	80# 0#	28:3	.13:73	1	SD40	0 KIPS	13 KIPS	0.00
HELPERS	182.916						80# 0#			2	SD40	13 KIPS	26 KIPS	0.00
	182.904						80# 0#			3	GONDOLA	26 KIPS	26 KIPS	0.00
	182.714						80# 0#			28	GONDOLA	14 KIPS	13 KIPS	0.10
	182.555						80# 0#			49	GONDOLA	8 KIPS	8 KIPS	0.09
	182.381						80# 0#			72	GONDOLA	-18 KIPS	-15 KIPS	0.09
HELPERS	182.373						80# 0#			73	GM10B	-15 KIPS	9 KIPS	0.13
	0: 1:10	182.944	0	6	RUN 1	255 REL REL	80# 0#	23:3	.13:73	1	SD40	0 KIPS	11 KIPS	0.00
	182.932						80# 0#			2	SD40	11 KIPS	23 KIPS	0.00
	182.820						80# 0#			3	GONDOLA	23 KIPS	23 KIPS	0.00
	182.730						80# 0#			28	GONDOLA	12 KIPS	12 KIPS	0.10
HELPERS	182.571						80# 0#			49	GONDOLA	-18 KIPS	-18 KIPS	0.09
	182.397						80# 0#			72	GONDOLA	-15 KIPS	-16 KIPS	0.09
	182.389						80# 0#			73	GM10B	-16 KIPS	1 KIPS	0.13
	0: 1:20	182.962	0	7	RUN 1	255 REL REL	80# 0#	20:3	.13:73	1	SD40	0 KIPS	10 KIPS	0.00
	182.960						80# 0#			2	SD40	10 KIPS	20 KIPS	0.00
HELPERS	182.937						80# 0#			3	GONDOLA	20 KIPS	20 KIPS	0.00
	182.748						80# 0#			28	GONDOLA	9 KIPS	8 KIPS	0.10
	182.589						80# 0#			49	GONDOLA	-8 KIPS	-5 KIPS	0.09
	182.415						80# 0#			72	GONDOLA	-15 KIPS	-16 KIPS	0.09
	182.407						80# 0#			73	GM10B	-16 KIPS	0 KIPS	0.13
HELPERS	0: 1:30	182.982	0	7	RUN 1	255 REL REL	80# 0#	17:3	.13:73	1	SD40	0 KIPS	9 KIPS	0.00
	182.970						80# 0#			2	SD40	9 KIPS	17 KIPS	0.00
	182.957						80# 0#			3	GONDOLA	17 KIPS	17 KIPS	0.00
	182.768						80# 0#			28	GONDOLA	8 KIPS	7 KIPS	0.09
	182.609						80# 0#			49	GONDOLA	-5 KIPS	-5 KIPS	0.09
HELPERS	182.434						80# 0#			72	GONDOLA	-15 KIPS	-16 KIPS	0.09
	182.427						80# 0#			73	GM10B	-16 KIPS	8 KIPS	0.13

QCM D-70-E/O/ GM108

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMP'S REL	SETTING REL	BRAKES TNN IND PIPE CYL	PRESSURE KIPS:CAR L/V:CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	AFT	
O: 1:40	183.003	0	8	183	REL	REL	80/ 0/	18.3	13:73	SD40	0 KIPS	8 KIPS	0.00
	182.991						80/ 0/			SD40	8 KIPS	16 KIPS	0.00
	182.979						80/ 0/			GONDOLA	16 KIPS	16 KIPS	0.00
	182.788						80/ 0/			GONDOLA	8 KIPS	8 KIPS	0.09
HELPERS O: 1:50	182.830						80/ 0/			GONDOLA	-3 KIPS	-4 KIPS	0.09
	182.836						80/ 0/			GONDOLA	-16 KIPS	-16 KIPS	0.09
	182.449						80/ 0/			GONDOLA	-16 KIPS	0 KIPS	0.13
	183.027	0	9	148	REL	REL	80/ 0/	-16.73	13:73	GM108	0 KIPS	7 KIPS	0.00
HELPERS O: 2:0	183.018						80/ 0/			SD40	7 KIPS	14 KIPS	0.00
	183.002						80/ 0/			SD40	14 KIPS	14 KIPS	0.00
	182.813						80/ 0/			GONDOLA	8 KIPS	8 KIPS	0.09
	182.854						80/ 0/			GONDOLA	-3 KIPS	-3 KIPS	0.09
HELPERS O: 2:10	182.880						80/ 0/			GONDOLA	-16 KIPS	-16 KIPS	0.13
	182.472						80/ 0/			GM108	-16 KIPS	8 KIPS	0.13
	183.062	0	9	140	REL	REL	80/ 0/	-16.73	13:73	SD40	0 KIPS	6 KIPS	0.00
	183.040						80/ 0/			SD40	6 KIPS	13 KIPS	0.00
HELPERS O: 2:20	182.828						80/ 0/			GONDOLA	8 KIPS	8 KIPS	0.09
	182.838						80/ 0/			GONDOLA	-8 KIPS	-8 KIPS	0.09
	182.879						80/ 0/			GONDOLA	-16 KIPS	-16 KIPS	0.10
	182.508						80/ 0/			GM108	0 KIPS	8 KIPS	0.00
HELPERS O: 2:30	182.487						80/ 0/			SD40	0 KIPS	12 KIPS	0.00
	183.080	0	10	136	REL	REL	80/ 0/	-16.73	13:73	SD40	6 KIPS	12 KIPS	0.00
	183.067						80/ 0/			GONDOLA	7 KIPS	7 KIPS	0.09
	183.085						80/ 0/			GONDOLA	-5 KIPS	-5 KIPS	0.09
HELPERS O: 2:40	182.888						80/ 0/			GONDOLA	-16 KIPS	-16 KIPS	0.10
	182.706						80/ 0/			GM108	-16 KIPS	0 KIPS	0.13
	182.532						80/ 0/			SD40	0 KIPS	11 KIPS	0.00
	182.525						80/ 0/			SD40	11 KIPS	11 KIPS	0.00
HELPERS O: 2:50	183.098	0	11	132	REL	REL	80/ 0/	-16.73	13:73	GONDOLA	6 KIPS	6 KIPS	0.00
	183.084						80/ 0/			GONDOLA	-5 KIPS	-5 KIPS	0.09
	182.895						80/ 0/			GONDOLA	-16 KIPS	-16 KIPS	0.10
	182.735						80/ 0/			GM108	-16 KIPS	8 KIPS	0.13
HELPERS O: 3:00	182.861						80/ 0/			SD40	0 KIPS	8 KIPS	0.00
	182.854						80/ 0/			SD40	8 KIPS	10 KIPS	0.00
	183.139	0	11	128	REL	REL	80/ 0/	-16.73	13:73	GONDOLA	10 KIPS	10 KIPS	0.00
	183.127						80/ 0/			GONDOLA	-3 KIPS	-3 KIPS	0.09
HELPERS O: 3:10	183.115						80/ 0/			GONDOLA	-16 KIPS	-16 KIPS	0.10
	182.925						80/ 0/			GM108	-16 KIPS	8 KIPS	0.13
	182.765						80/ 0/			SD40	0 KIPS	11 KIPS	0.00
	182.592						80/ 0/			GONDOLA	-16 KIPS	-16 KIPS	0.10
HELPERS O: 3:20	182.585						80/ 0/			GM108	-16 KIPS	0 KIPS	0.13
	182.585						80/ 0/			GM108	-16 KIPS	0 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
O: 2:40	183.172	0	12	RUN	1	125	REL	REL	1	SD40	0 KIPS	5 KIPS	0.00
	183.160								2	SD40	5 KIPS	10 KIPS	0.00
	183.148								3	GONDOLA	10 KIPS	10 KIPS	0.00
	182.958								28	GONDOLA	6 KIPS	6 KIPS	0.00
HELPERS	182.789								49	GONDOLA	-2 KIPS	-2 KIPS	0.09
	182.625								72	GONDOLA	-16 KIPS	-16 KIPS	0.10
	182.617								73	GM108	-16 KIPS	-16 KIPS	0.13
	183.207	0	13	RUN	1	255	REL	REL	1	SD40	0 KIPS	5 KIPS	0.00
O: 2:50	183.195								2	SD40	5 KIPS	9 KIPS	0.00
	183.182								3	GONDOLA	9 KIPS	9 KIPS	0.00
	182.993								28	GONDOLA	5 KIPS	5 KIPS	0.00
	182.834								49	GONDOLA	-4 KIPS	-4 KIPS	0.00
HELPERS	182.660								72	GONDOLA	-15 KIPS	-16 KIPS	0.10
	182.652								73	GM108	-16 KIPS	0 KIPS	0.13
	183.244	0	14	RUN	1	254	REL	REL	1	SD40	0 KIPS	4 KIPS	0.00
	183.231								2	SD40	4 KIPS	8 KIPS	0.00
O: 3:0	183.219								3	GONDOLA	9 KIPS	8 KIPS	0.00
	183.030								28	GONDOLA	3 KIPS	3 KIPS	0.00
	182.871								49	GONDOLA	-3 KIPS	-3 KIPS	0.00
	182.696								72	GONDOLA	-15 KIPS	-15 KIPS	0.10
HELPERS	182.689								73	GM108	-15 KIPS	0 KIPS	0.13
	183.282	0	14	RUN	1	254	REL	REL	1	SD40	0 KIPS	4 KIPS	0.00
	183.270								2	SD40	4 KIPS	8 KIPS	0.00
	183.258								3	GONDOLA	8 KIPS	8 KIPS	0.00
O: 3:10	182.968								28	GONDOLA	3 KIPS	3 KIPS	0.00
	182.809								49	GONDOLA	-3 KIPS	-3 KIPS	0.00
	182.735								72	GONDOLA	-15 KIPS	-15 KIPS	0.10
	182.727								73	GM108	-15 KIPS	0 KIPS	0.13
HELPERS	183.323	0	15	RUN	1	253	REL	REL	1	SD40	0 KIPS	4 KIPS	0.00
	183.311								2	SD40	4 KIPS	8 KIPS	0.00
	183.298								3	GONDOLA	8 KIPS	7 KIPS	0.00
	183.109								28	GONDOLA	2 KIPS	2 KIPS	0.00
O: 3:20	182.950								49	GONDOLA	-5 KIPS	-5 KIPS	0.00
	182.778								72	GONDOLA	-15 KIPS	-15 KIPS	0.08
	182.768								73	GM108	-15 KIPS	0 KIPS	0.13
	183.368	0	16	RUN	1	253	REL	REL	1	SD40	0 KIPS	4 KIPS	0.00
HELPERS	183.353								2	SD40	4 KIPS	7 KIPS	0.00
	183.341								3	GONDOLA	7 KIPS	7 KIPS	0.00
	183.152								28	GONDOLA	-12 KIPS	-12 KIPS	0.00
	182.993								49	GONDOLA	-7 KIPS	-7 KIPS	0.00
O: 3:30	182.818								72	GONDOLA	-15 KIPS	-15 KIPS	0.09
	182.811								73	GM108	-15 KIPS	0 KIPS	0.12

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRM	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
O: 3:40	183.410	0	17	RUN	1	110	REL	REL	80#	0#	0#	0#	0.00
	183.388								80#	0#	0#	0#	0.00
	183.386								80#	0#	0#	0#	0.00
	183.198								80#	0#	0#	0#	0.00
HELPERS O: 3:50	183.037								80#	0#	0#	0#	0.00
	182.863								80#	0#	0#	0#	0.00
	182.855								80#	0#	0#	0#	0.00
	183.457	0	17	RUN	1	108	REL	REL	80#	0#	0#	0#	0.00
HELPERS O: 4: 0	183.448								80#	0#	0#	0#	0.00
	183.433								80#	0#	0#	0#	0.00
	183.243								80#	0#	0#	0#	0.00
	183.084								80#	0#	0#	0#	0.00
HELPERS O: 4:10	182.910								80#	0#	0#	0#	0.00
	182.902								80#	0#	0#	0#	0.00
	183.508	0	18	RUN	1	108	REL	REL	80#	0#	0#	0#	0.00
	183.494								80#	0#	0#	0#	0.00
HELPERS O: 4:20	183.482								80#	0#	0#	0#	0.00
	183.282								80#	0#	0#	0#	0.00
	183.133								80#	0#	0#	0#	0.00
	182.959								80#	0#	0#	0#	0.00
HELPERS O: 4:30	183.557	0	19	RUN	1	104	REL	REL	80#	0#	0#	0#	0.00
	183.545								80#	0#	0#	0#	0.00
	183.533								80#	0#	0#	0#	0.00
	183.343								80#	0#	0#	0#	0.00
HELPERS O: 4:40	183.184								80#	0#	0#	0#	0.00
	183.010								80#	0#	0#	0#	0.00
	183.003	0	20	RUN	1	103	REL	REL	80#	0#	0#	0#	0.00
	183.611								80#	0#	0#	0#	0.00
HELPERS O: 4:50	183.588								80#	0#	0#	0#	0.00
	183.586								80#	0#	0#	0#	0.00
	183.397								80#	0#	0#	0#	0.00
	183.238								80#	0#	0#	0#	0.00
HELPERS O: 5:00	183.053								80#	0#	0#	0#	0.00
	183.058	0	20	RUN	1	102	REL	REL	80#	0#	0#	0#	0.00
	183.854								80#	0#	0#	0#	0.00
	183.641								80#	0#	0#	0#	0.00
HELPERS O: 5:10	183.452								80#	0#	0#	0#	0.00
	183.293								80#	0#	0#	0#	0.00
	183.119								80#	0#	0#	0#	0.00
	183.111								80#	0#	0#	0#	0.00

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	BRAKES			MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER	DRAWBAR FORCES		L/V RATIO	
					IND	PIPE	CYL				FORE	AFT		
0: 4:40	183.723	0	21	RUN 1	100	REL	REL	80# 0# 80# 0# 80# 0# 80# 0# 80# 0#	-15:73 .03:72	1 2 3 28 49 72 73	SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA GM10B	0 KIPS 2 KIPS 5 KIPS -2 KIPS -8 KIPS -15 KIPS 8 KIPS	2 KIPS 5 KIPS 5 KIPS -2 KIPS -8 KIPS -15 KIPS 8 KIPS	0.00 0.00 0.00 0.00 0.01 0.03 0.02
HELPERS														
-----> RUN 3														
0: 4:41	183.729	0	21	RUN 3	115	REL	REL	80# 0# 80# 0# 80# 0# 80# 0# 80# 0#	-15:73 .03:72	1 2 3 28 49 72 73	SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA GM10B	0 KIPS 2 KIPS 5 KIPS -2 KIPS -8 KIPS -15 KIPS 8 KIPS	2 KIPS 5 KIPS 5 KIPS -2 KIPS -8 KIPS -15 KIPS 8 KIPS	0.00 0.00 0.00 0.00 0.01 0.03 0.02
HELPERS														
0: 4:42	183.735	0	21	RUN 3	133	REL	REL	80# 0# 80# 0# 80# 0# 80# 0# 80# 0#	-17:73 .03:72	1 2 3 28 49 72 73	SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA GM10B	0 KIPS 4 KIPS 7 KIPS -2 KIPS -8 KIPS -17 KIPS -17 KIPS	4 KIPS 7 KIPS 7 KIPS -3 KIPS -8 KIPS -10 KIPS -17 KIPS	0.00 0.00 0.00 0.00 0.01 0.01 0.03
HELPERS														
0: 4:50	183.783	0	22	RUN 3	279	REL	REL	80# 0# 80# 0# 80# 0# 80# 0# 80# 0#	-42:73 .07:72	1 2 3 28 49 72 73	SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA GM10B	0 KIPS 15 KIPS 30 KIPS 37 KIPS -21 KIPS -41 KIPS -42 KIPS	15 KIPS 30 KIPS 30 KIPS 37 KIPS -22 KIPS -41 KIPS -42 KIPS	0.00 0.00 0.00 0.00 0.02 0.07 0.06
HELPERS														
-----> TRAIN ENTERING 3.00 DEGREE CURVE														
0: 5: 0	183.846	0	23	RUN 3	268	REL	REL	80# 0# 80# 0# 80# 0# 80# 0# 80# 0#	-41:73 .13:1	1 2 3 28 49 72 73	SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA GM10B	0 KIPS 15 KIPS 30 KIPS 30 KIPS -18 KIPS -40 KIPS -41 KIPS	15 KIPS 30 KIPS 29 KIPS 34 KIPS -19 KIPS -41 KIPS 11 KIPS	0.13 0.13 0.09 0.09 0.02 0.07 0.06
HELPERS														
0: 5:10	183.913	0	25	RUN 3	568	REL	REL	80# 0# 80# 0# 80# 0# 80# 0# 80# 0#	-41:73 .12:2	1 2 3 28 49 72 73	SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA GM10B	0 KIPS 14 KIPS 29 KIPS -39 KIPS -18 KIPS -40 KIPS -41 KIPS	14 KIPS 29 KIPS 28 KIPS -38 KIPS -20 KIPS -41 KIPS 1 KIPS	0.12 0.12 0.09 0.09 0.02 0.07 0.06
HELPERS														
0: 5:10	183.901	0	25	RUN 3	171	REL	REL	80# 0# 80# 0# 80# 0# 80# 0# 80# 0#	-41:73 .12:2	1 2 3 28 49 72 73	SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA GM10B	0 KIPS 15 KIPS 30 KIPS 30 KIPS -18 KIPS -40 KIPS -41 KIPS	15 KIPS 30 KIPS 29 KIPS 34 KIPS -19 KIPS -41 KIPS 11 KIPS	0.13 0.13 0.09 0.09 0.02 0.07 0.06
HELPERS														
0: 5:10	183.888	0	25	RUN 3	564	REL	REL	80# 0# 80# 0# 80# 0# 80# 0# 80# 0#	-41:73 .12:2	1 2 3 28 49 72 73	SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA GM10B	0 KIPS 15 KIPS 30 KIPS 30 KIPS -18 KIPS -40 KIPS -41 KIPS	15 KIPS 30 KIPS 29 KIPS 34 KIPS -19 KIPS -41 KIPS 1 KIPS	0.13 0.13 0.09 0.09 0.02 0.07 0.06
HELPERS														
0: 5:10	183.358	0	25	RUN 3	564	REL	REL	80# 0# 80# 0# 80# 0# 80# 0# 80# 0#	-41:73 .12:2	1 2 3 28 49 72 73	SD40 SD40 GONDOLA GONDOLA GONDOLA GONDOLA GM10B	0 KIPS 15 KIPS 30 KIPS 30 KIPS -18 KIPS -40 KIPS -41 KIPS	15 KIPS 30 KIPS 29 KIPS 34 KIPS -19 KIPS -41 KIPS 1 KIPS	0.13 0.13 0.09 0.09 0.02 0.07 0.06
HELPERS														

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STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS REL	SETTING REL	PRESSURE REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
													DRABAR FORCES FORE	AFT	
0: 5:11	183.920	0	25	RUN	3	0	REL	REL	80#	0#	1	SD40	0 KIPS	4 KIPS	0.12
	183.908								80#	0#	2	SD40	4 KIPS	0 KIPS	0.12
	183.898								80#	0#	3	GONDOLA	0 KIPS	10 KIPS	0.09
	183.706								80#	0#	28	GONDOLA	-34 KIPS	-21 KIPS	0.00
	183.547								80#	0#	49	GONDOLA	-20 KIPS	-41 KIPS	0.03
	183.373								80#	0#	72	GONDOLA	-40 KIPS	-41 KIPS	0.07
	183.365								80#	0#	73	GM108	-41 KIPS	0 KIPS	0.07
HELPERS	183.927	0	25	RUN	3	563	REL	REL	80#	0#	1	SD40	0 KIPS	5 KIPS	0.12
0: 5:12	183.914								80#	0#	2	SD40	8 KIPS	9 KIPS	0.12
	183.902								80#	0#	3	GONDOLA	8 KIPS	7 KIPS	0.08
	183.713								80#	0#	28	GONDOLA	-32 KIPS	-27 KIPS	0.00
	183.554								80#	0#	49	GONDOLA	-21 KIPS	-22 KIPS	0.03
	183.379								80#	0#	72	GONDOLA	-40 KIPS	-41 KIPS	0.07
HELPERS	183.924	0	25	RUN	3	563	REL	REL	80#	0#	1	SD40	0 KIPS	1 KIPS	0.08
0: 5:13	183.921								80#	0#	2	SD40	8 KIPS	8 KIPS	0.12
	183.909								80#	0#	3	GONDOLA	12 KIPS	12 KIPS	0.12
	183.720								80#	0#	28	GONDOLA	-24 KIPS	-18 KIPS	0.01
	183.561								80#	0#	49	GONDOLA	-23 KIPS	-23 KIPS	0.03
	183.386								80#	0#	72	GONDOLA	-40 KIPS	-41 KIPS	0.07
HELPERS	183.941	0	25	RUN	3	563	REL	REL	80#	0#	1	SD40	0 KIPS	1 KIPS	0.08
0: 5:14	183.928								80#	0#	2	SD40	8 KIPS	8 KIPS	0.12
	183.918								80#	0#	3	GONDOLA	15 KIPS	14 KIPS	0.09
	183.727								80#	0#	28	GONDOLA	-8 KIPS	-8 KIPS	0.01
	183.568								80#	0#	49	GONDOLA	-24 KIPS	-25 KIPS	0.03
	183.393								80#	0#	72	GONDOLA	-40 KIPS	-41 KIPS	0.07
HELPERS	183.983	0	26	RUN	3	563	REL	REL	80#	0#	1	SD40	0 KIPS	1 KIPS	0.08
0: 5:20	183.971								80#	0#	2	SD40	11 KIPS	11 KIPS	0.12
	183.958								80#	0#	3	GONDOLA	21 KIPS	21 KIPS	0.12
	183.789								80#	0#	28	GONDOLA	-18 KIPS	-18 KIPS	0.09
	183.610								80#	0#	49	GONDOLA	-28 KIPS	-28 KIPS	0.02
	183.438								80#	0#	72	GONDOLA	-41 KIPS	-42 KIPS	0.03
HELPERS	183.428								80#	0#	73	GM108	-42 KIPS	-42 KIPS	0.06
SDG M	184														
0: 5:22	184.000	0	26	RUN	3	248	REL	REL	80#	0#	1	SD40	0 KIPS	12 KIPS	0.12
	183.988								80#	0#	2	SD40	12 KIPS	23 KIPS	0.12
	183.975								80#	0#	3	GONDOLA	23 KIPS	21 KIPS	0.08
	183.786								80#	0#	28	GONDOLA	-14 KIPS	-14 KIPS	0.08
	183.627								80#	0#	49	GONDOLA	-27 KIPS	-27 KIPS	0.03
	183.453								80#	0#	72	GONDOLA	-41 KIPS	-42 KIPS	0.07
HELPERS	183.445								80#	0#	73	GM108	-42 KIPS	10 KIPS	0.06

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	BRAKES IND PIPE CYL	SETTING REL	REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
O: 5:30	184.058	0	27	RUN 3	241	REL	REL	80# 0# 52:20 12:2	1	SD40	0 KIPS	13 KIPS	0.12
	184.044							80# 0#	2	SD40	13 KIPS	26 KIPS	0.12
	184.032							80# 0#	3	GONDOLA	26 KIPS	25 KIPS	0.09
	183.842							80# 0#	28	GONDOLA	39 KIPS	36 KIPS	0.08
HELPERS	183.863							80# 0#	49	GONDOLA	-24 KIPS	-25 KIPS	0.03
	183.509							80# 0#	72	GONDOLA	-40 KIPS	-41 KIPS	0.07
	183.501							80# 0#	73	GM108	-41 KIPS	11 KIPS	0.06
	184.110	0	28	RUN 3	560	REL	REL	80# 0# -40:73 09:43	1	SL40	0 KIPS	13 KIPS	0.00
O: 5:37	184.098							80# 0#	2	SD40	13 KIPS	28 KIPS	0.00
	184.085							80# 0#	3	GONDOLA	26 KIPS	25 KIPS	0.00
	183.896							80# 0#	28	GONDOLA	11 KIPS	13 KIPS	0.08
	183.737							80# 0#	48	GONDOLA	-17 KIPS	-18 KIPS	0.02
HELPERS	183.563							80# 0#	72	GONDOLA	-38 KIPS	-40 KIPS	0.07
	183.555							80# 0#	73	GM108	-40 KIPS	11 KIPS	0.06
O: 5:38	184.118	0	28	RUN 4	245	REL	REL	80# 0# -40:73 09:43	1	SD40	0 KIPS	12 KIPS	0.00
	184.105							80# 0#	2	SD40	12 KIPS	25 KIPS	0.00
	184.093							80# 0#	3	GONDOLA	25 KIPS	24 KIPS	0.00
	183.904							80# 0#	28	GONDOLA	5 KIPS	5 KIPS	0.08
HELPERS	183.745							80# 0#	49	GONDOLA	-18 KIPS	-18 KIPS	0.02
	183.570							80# 0#	72	GONDOLA	-39 KIPS	-40 KIPS	0.07
	183.563							80# 0#	73	GM108	-40 KIPS	1 KIPS	0.06
	184.133	0	28	RUN 4	271	REL	REL	80# 0# -48:73 09:45	1	SD40	0 KIPS	9 KIPS	0.00
O: 5:40	184.121							80# 0#	2	SD40	9 KIPS	22 KIPS	0.00
	184.108							80# 0#	3	GONDOLA	22 KIPS	22 KIPS	0.00
	183.918							80# 0#	28	GONDOLA	4 KIPS	3 KIPS	0.08
	183.780							80# 0#	49	GONDOLA	-23 KIPS	-24 KIPS	0.03
HELPERS	183.585							80# 0#	72	GONDOLA	-47 KIPS	-48 KIPS	0.08
	183.578							80# 0#	73	GM108	-48 KIPS	1 KIPS	0.07
	184.213	0	29	RUN 4	655	REL	REL	80# 0# -87:11 11:54	1	SD40	0 KIPS	13 KIPS	0.00
	184.200							80# 0#	2	SD40	13 KIPS	25 KIPS	0.00
O: 5:50	184.188							80# 0#	3	GONDOLA	25 KIPS	22 KIPS	0.00
	183.999							80# 0#	28	GONDOLA	-37 KIPS	-34 KIPS	0.09
	183.840							80# 0#	49	GONDOLA	-45 KIPS	-46 KIPS	0.10
	183.695							80# 0#	72	GONDOLA	-59 KIPS	-60 KIPS	0.11
HELPERS	183.658							80# 0#	73	GM108	-60 KIPS	8 KIPS	0.10
	184.295	0	30	RUN 4	759	REL	REL	80# 0# -61:87 13:59	1	SD40	0 KIPS	14 KIPS	0.10
	184.283							80# 0#	2	SD40	14 KIPS	27 KIPS	0.12
	184.270							80# 0#	3	GONDOLA	27 KIPS	36 KIPS	0.08
O: 6:0	184.081							80# 0#	28	GONDOLA	-58 KIPS	-58 KIPS	0.09
	183.922							80# 0#	49	GONDOLA	-59 KIPS	-59 KIPS	0.12
	183.748							80# 0#	72	GONDOLA	-61 KIPS	-61 KIPS	0.11
	183.740							80# 0#	73	GM108	-61 KIPS	9 KIPS	0.10

STATION TIME	MP	SPEED LMT	THLE RUN	AMPS 4	SETTING REL	REL	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES		L/V RATIO
							IND	PIPE				AFPT	AFPT	
0: 6:10	184.378	0	30	RUN 4	292	REL	80/	0/	-80:34 .16:72	1	SD40	0 KIPS	13 KIPS	0.10
	184.366					80/	0/			2	SD40	13 KIPS	26 KIPS	0.12
	184.353					80/	0/			3	GONDOLA	26 KIPS	22 KIPS	0.08
	184.184					80/	0/			28	GONDOLA	73 KIPS	74 KIPS	0.08
	184.005					80/	0/			49	GONDOLA	88 KIPS	88 KIPS	0.14
	183.831					80/	0/			72	GONDOLA	81 KIPS	81 KIPS	0.16
HELPERS	183.823					80/	0/			73	GM108	7 KIPS	7 KIPS	0.13
0: 6:18	184.440	0	30	RUN 4	293	REL	80/	0/	-98:42 .16:25	1	SD40	0 KIPS	12 KIPS	0.10
	184.428					80/	0/			2	SD40	12 KIPS	26 KIPS	0.12
	184.415					80/	0/			3	GONDOLA	26 KIPS	22 KIPS	0.08
	184.226					80/	0/			28	GONDOLA	84 KIPS	87 KIPS	0.11
	184.067					80/	0/			49	GONDOLA	87 KIPS	86 KIPS	0.14
	183.893					80/	0/			72	GONDOLA	82 KIPS	81 KIPS	0.13
HELPERS	183.885					80/	0/			73	GM108	81 KIPS	4 KIPS	0.12
-----> RUN 6														
0: 6:19	184.448	0	29	RUN 6	308	REL	80/	0/	-95:43 .15:59	1	SD40	0 KIPS	13 KIPS	0.10
	184.436					80/	0/			2	SD40	13 KIPS	23 KIPS	0.12
	184.424					80/	0/			3	GONDOLA	26 KIPS	23 KIPS	0.08
	184.234					80/	0/			28	GONDOLA	83 KIPS	86 KIPS	0.10
	184.075					80/	0/			49	GONDOLA	87 KIPS	88 KIPS	0.10
	183.901					80/	0/			72	GONDOLA	82 KIPS	81 KIPS	0.13
HELPERS	183.893					80/	0/			73	GM108	81 KIPS	0 KIPS	0.12
0: 6:20	184.458	0	29	RUN 6	317	REL	80/	0/	-94:44 .16:29	1	SD40	0 KIPS	14 KIPS	0.10
	184.444					80/	0/			2	SD40	14 KIPS	28 KIPS	0.12
	184.432					80/	0/			3	GONDOLA	26 KIPS	26 KIPS	0.08
	184.242					80/	0/			28	GONDOLA	51 KIPS	54 KIPS	0.14
	184.083					80/	0/			49	GONDOLA	89 KIPS	87 KIPS	0.10
HELPERS	183.909					80/	0/			72	GONDOLA	82 KIPS	82 KIPS	0.13
	183.901					80/	0/			73	GM108	82 KIPS	0 KIPS	0.10
0: 6:20	184.460	0	29	RUN 6	337	REL	80/	0/	-96:46 .16:30	1	SD40	0 KIPS	15 KIPS	0.12
HELPERS	184.448					80/	0/			2	SD40	15 KIPS	31 KIPS	0.10
	184.436					80/	0/			3	GONDOLA	31 KIPS	28 KIPS	0.13
	184.246					80/	0/			28	GONDOLA	47 KIPS	51 KIPS	0.10
	184.087					80/	0/			49	GONDOLA	92 KIPS	90 KIPS	0.10
	183.913					80/	0/			72	GONDOLA	86 KIPS	86 KIPS	0.14
HELPERS	183.905					80/	0/			73	GM108	86 KIPS	0 KIPS	0.12
0: 6:30	184.561	0	29	RUN 6	474	REL	80/	0/	-110:50 .17:72	1	SD40	0 KIPS	28 KIPS	0.10
	184.528					80/	0/			2	SD40	28 KIPS	55 KIPS	0.14
	184.517					80/	0/			3	GONDOLA	55 KIPS	52 KIPS	0.13
	184.327					80/	0/			28	GONDOLA	48 KIPS	51 KIPS	0.14
	184.168					80/	0/			49	GONDOLA	109 KIPS	110 KIPS	0.12
	183.994					80/	0/			72	GONDOLA	81 KIPS	90 KIPS	0.17
HELPERS	183.986					80/	0/			73	GM108	80 KIPS	8 KIPS	0.13
-----> TRAIN ENTERING 0.00 DEGREE CURVE														

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STATION TIME	MP	SPEED LMT RUN	THTLT AMPS	SETTING TRN IN	PIPE CYL	PRESSURE KIPS:CAR	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
O: 6:40	184.821	0	28	RUN 8	483	REL	REL	1	SD40	0 KIPS	28 KIPS	0.10
	184.808							2	SD40	29 KIPS	58 KIPS	0.14
	184.598							3	GONDOLA	58 KIPS	55 KIPS	0.13
	184.407							28	GONDOLA	-20 KIPS	-23 KIPS	0.09
	184.248							49	GONDOLA	-88 KIPS	-89 KIPS	0.17
HELPERS O: 6:50	184.073							72	GONDOLA	-93 KIPS	-93 KIPS	0.17
	184.068							73	GM108	5 KIPS	5 KIPS	0.14
	184.897	0	27	RUN 8	501	REL	REL	1	SD40	0 KIPS	31 KIPS	0.13
	184.885							2	SD40	31 KIPS	62 KIPS	0.15
	184.873							3	GONDOLA	62 KIPS	60 KIPS	0.17
HELPERS O: 7:0	184.483							28	GONDOLA	27 KIPS	25 KIPS	0.08
	184.324							48	GONDOLA	-64 KIPS	-66 KIPS	0.16
	184.150							72	GONDOLA	-95 KIPS	-93 KIPS	0.16
	184.142							73	GM108	-93 KIPS	11 KIPS	0.14
	184.770	0	25	RUN 8	1130	REL	REL	1	SD40	0 KIPS	33 KIPS	0.11
HELPERS O: 7:10	184.758							2	SD40	33 KIPS	65 KIPS	0.15
	184.745							3	GONDOLA	65 KIPS	63 KIPS	0.15
	184.588							28	GONDOLA	15 KIPS	12 KIPS	0.08
	184.387							49	GONDOLA	-37 KIPS	-38 KIPS	0.10
	184.222							72	GONDOLA	-87 KIPS	-89 KIPS	0.14
HELPERS O: 7:20	184.215	0	24	RUN 8	1143	REL	REL	1	SD40	0 KIPS	34 KIPS	0.12
	184.838							2	SD40	34 KIPS	69 KIPS	0.15
	184.825							3	GONDOLA	69 KIPS	66 KIPS	0.18
	184.814							28	GONDOLA	12 KIPS	10 KIPS	0.08
	184.625							49	GONDOLA	-38 KIPS	-39 KIPS	0.10
HELPERS O: 7:30	184.485							72	GONDOLA	-88 KIPS	-88 KIPS	0.22
	184.281							73	GM108	-88 KIPS	12 KIPS	0.15
	184.284	0	23	RUN 8	1157	REL	REL	1	SD40	0 KIPS	36 KIPS	0.12
	184.903							2	SD40	36 KIPS	73 KIPS	0.15
	184.891							3	GONDOLA	73 KIPS	70 KIPS	0.12
HELPERS O: 7:40	184.879							28	GONDOLA	15 KIPS	13 KIPS	0.09
	184.689							49	GONDOLA	-34 KIPS	-37 KIPS	0.11
	184.530							72	GONDOLA	-88 KIPS	-90 KIPS	0.18
	184.358							73	GM108	-90 KIPS	12 KIPS	0.14
	184.348							1	SD40	0 KIPS	39 KIPS	0.12
HELPERS O: 7:50	184.984	0	21	RUN 8	1170	REL	REL	1	SD40	0 KIPS	39 KIPS	0.15
	184.952							2	SD40	39 KIPS	77 KIPS	0.15
	184.940							3	GONDOLA	77 KIPS	75 KIPS	0.12
	184.750							28	GONDOLA	15 KIPS	17 KIPS	0.10
	184.591							49	GONDOLA	-39 KIPS	-41 KIPS	0.11
HELPERS O: 8:00	184.417							72	GONDOLA	-89 KIPS	-92 KIPS	0.18
	184.409							73	GM108	-92 KIPS	12 KIPS	0.14
	184.408							1	SD40	0 KIPS	39 KIPS	0.12
	184.407							2	SD40	39 KIPS	77 KIPS	0.15
	184.406							3	GONDOLA	77 KIPS	75 KIPS	0.12

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STATION TIME	MP	SPEED LMT RUN	THITLE AMP'S SETTING	BRAKES TRN IND PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
O: 7:40	185.022	0	20 RUN 6	628 REL	REL	-92:73 .18:72	1	SD40	0 KIPS	42 KIPS	0.08
	185.010			80# 0#	80# 0#		2	SD40	42 KIPS	84 KIPS	0.11
	184.997			80# 0#	80# 0#		3	GONDOLA	84 KIPS	81 KIPS	0.08
	184.808			80# 0#	80# 0#		28	GONDOLA	28 KIPS	24 KIPS	0.10
HELPERS	184.849			80# 0#	80# 0#		49	GONDOLA	-33 KIPS	-38 KIPS	0.09
	184.475			80# 0#	80# 0#		72	GONDOLA	-88 KIPS	-92 KIPS	0.18
	184.487			80# 0#	80# 0#		73	GM108	-82 KIPS	13 KIPS	0.14
	185.078	0	19 RUN 6	1194 REL	REL	-93:73 .18:72	1	SD40	0 KIPS	44 KIPS	0.08
O: 7:50	185.084			80# 0#	80# 0#		2	SD40	44 KIPS	88 KIPS	0.12
	185.052			80# 0#	80# 0#		3	GONDOLA	88 KIPS	88 KIPS	0.08
	184.882			80# 0#	80# 0#		28	GONDOLA	28 KIPS	23 KIPS	0.10
	184.703			80# 0#	80# 0#		49	GONDOLA	-37 KIPS	-40 KIPS	0.11
HELPERS	184.528			80# 0#	80# 0#		72	GONDOLA	-81 KIPS	-83 KIPS	0.18
	184.521			80# 0#	80# 0#		73	GM108	-93 KIPS	13 KIPS	0.14
	185.128	0	18 RUN 6	1201 REL	REL	96:3 .17:72	1	SD40	0 KIPS	48 KIPS	0.08
	185.115			80# 0#	80# 0#		2	SD40	48 KIPS	96 KIPS	0.10
O: 8:0	185.103			80# 0#	80# 0#		3	GONDOLA	96 KIPS	93 KIPS	0.07
	184.914			80# 0#	80# 0#		28	GONDOLA	38 KIPS	32 KIPS	0.10
	184.755			80# 0#	80# 0#		49	GONDOLA	-28 KIPS	-32 KIPS	0.11
	184.580			80# 0#	80# 0#		72	GONDOLA	-80 KIPS	-83 KIPS	0.17
HELPERS	184.573			80# 0#	80# 0#		73	GM108	-93 KIPS	13 KIPS	0.14
	185.178	0	17 RUN 6	1204 REL	REL	101:3 .17:89	1	SD40	0 KIPS	50 KIPS	0.08
	185.164			80# 0#	80# 0#		2	SD40	50 KIPS	101 KIPS	0.10
	185.152			80# 0#	80# 0#		3	GONDOLA	101 KIPS	98 KIPS	0.08
O: 8:10	184.982			80# 0#	80# 0#		28	GONDOLA	30 KIPS	28 KIPS	0.08
	184.803			80# 0#	80# 0#		49	GONDOLA	-32 KIPS	-38 KIPS	0.11
	184.629			80# 0#	80# 0#		72	GONDOLA	-91 KIPS	-83 KIPS	0.17
	184.621			80# 0#	80# 0#		73	GM108	-83 KIPS	11 KIPS	0.14
HELPERS	185.222	0	16 RUN 6	1208 REL	REL	108:3 .24:72	1	SD40	0 KIPS	54 KIPS	0.08
	185.210			80# 0#	80# 0#		2	SD40	54 KIPS	108 KIPS	0.11
	185.198			80# 0#	80# 0#		3	GONDOLA	108 KIPS	108 KIPS	0.08
	185.008			80# 0#	80# 0#		28	GONDOLA	42 KIPS	38 KIPS	0.09
O: 8:20	184.848			80# 0#	80# 0#		49	GONDOLA	-27 KIPS	-30 KIPS	0.11
	184.675			80# 0#	80# 0#		72	GONDOLA	-81 KIPS	-83 KIPS	0.24
	184.657			80# 0#	80# 0#		73	GM108	-83 KIPS	13 KIPS	0.24
	185.286	0	15 RUN 6	1211 REL	REL	113:3 .25:72	1	SD40	0 KIPS	58 KIPS	0.10
HELPERS	185.254			80# 0#	80# 0#		2	SD40	58 KIPS	113 KIPS	0.11
	185.242			80# 0#	80# 0#		3	GONDOLA	113 KIPS	110 KIPS	0.08
	185.052			80# 0#	80# 0#		28	GONDOLA	41 KIPS	38 KIPS	0.08
	184.893			80# 0#	80# 0#		49	GONDOLA	-28 KIPS	-28 KIPS	0.11
O: 8:30	184.719			80# 0#	80# 0#		72	GONDOLA	-84 KIPS	-84 KIPS	0.24
	184.711			80# 0#	80# 0#		73	GM108	-84 KIPS	3 KIPS	0.24

STATION TIME	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
										DRAMBAR FORCES FORE	DRAMBAR FORCES AFT			
O: 8:40	185.308	0	15	RUN 6	843	REL REL	80# 0#	120:3	25:72	1	SD40	0 KIPS	60 KIPS	0.10
	185.286						80# 0#			2	SD40	60 KIPS	120 KIPS	0.10
	185.283						80# 0#			3	GONDOLA	120 KIPS	117 KIPS	0.08
	185.094						80# 0#			28	GONDOLA	48 KIPS	48 KIPS	0.07
	184.935						80# 0#			49	GONDOLA	-22 KIPS	-25 KIPS	0.11
	184.761						80# 0#			72	GONDOLA	-90 KIPS	-93 KIPS	0.25
HELPERS	184.753						80# 0#			73	GM108	14 KIPS	14 KIPS	0.24
O: 8:50	185.348	0	14	RUN 6	874	REL REL	80# 0#	124:3	25:72	1	SD40	0 KIPS	82 KIPS	0.10
	185.336						80# 0#			2	SD40	62 KIPS	124 KIPS	0.10
	185.323						80# 0#			3	GONDOLA	124 KIPS	121 KIPS	0.08
	185.134						80# 0#			28	GONDOLA	48 KIPS	45 KIPS	0.07
	184.975						80# 0#			49	GONDOLA	-21 KIPS	-24 KIPS	0.07
	184.801						80# 0#			72	GONDOLA	-90 KIPS	-93 KIPS	0.25
HELPERS	184.793						80# 0#			73	GM108	3 KIPS	3 KIPS	0.23
O: 9:0	185.386	0	14	RUN 6	1219	REL REL	80# 0#	129:3	25:72	1	SD40	0 KIPS	85 KIPS	0.10
	185.374						80# 0#			2	SD40	85 KIPS	129 KIPS	0.10
	185.362						80# 0#			3	GONDOLA	129 KIPS	126 KIPS	0.08
	185.172						80# 0#			28	GONDOLA	50 KIPS	47 KIPS	0.07
	185.013						80# 0#			49	GONDOLA	-18 KIPS	-20 KIPS	0.07
	184.839						80# 0#			72	GONDOLA	-89 KIPS	-92 KIPS	0.25
HELPERS	184.832						80# 0#			73	GM108	0 KIPS	0 KIPS	0.23
-----> TRAIN ENTERING 0.00 DEGREE CURVE														
O: 9:10	185.423	0	13	RUN 6	910	REL REL	80# 0#	131:3	25:72	1	SD40	0 KIPS	66 KIPS	0.10
	185.411						80# 0#			2	SD40	66 KIPS	131 KIPS	0.18
	185.399						80# 0#			3	GONDOLA	131 KIPS	128 KIPS	0.15
	185.209						80# 0#			28	GONDOLA	53 KIPS	50 KIPS	0.07
	185.080						80# 0#			49	GONDOLA	-18 KIPS	-19 KIPS	0.07
	184.876						80# 0#			72	GONDOLA	-90 KIPS	-94 KIPS	0.25
HELPERS	184.869						80# 0#			73	GM108	3 KIPS	3 KIPS	0.23
O: 9:20	185.459	0	13	RUN 6	1223	REL REL	80# 0#	131:3	26:72	1	SD40	0 KIPS	66 KIPS	0.00
	185.447						80# 0#			2	SD40	66 KIPS	131 KIPS	0.00
	185.435						80# 0#			3	GONDOLA	131 KIPS	128 KIPS	0.07
	185.245						80# 0#			28	GONDOLA	53 KIPS	50 KIPS	0.07
	185.085						80# 0#			49	GONDOLA	-18 KIPS	-19 KIPS	0.07
	184.912						80# 0#			72	GONDOLA	-90 KIPS	-94 KIPS	0.26
HELPERS	184.904						80# 0#			73	GM108	3 KIPS	3 KIPS	0.24
-----> TRAIN ENTERING 3.00 DEGREE CURVE														
O: 9:30	185.494	0	12	RUN 6	910	REL REL	80# 0#	131:3	21:72	1	SD40	0 KIPS	65 KIPS	0.17
	185.481						80# 0#			2	SD40	65 KIPS	131 KIPS	0.11
	185.469						80# 0#			3	GONDOLA	131 KIPS	128 KIPS	0.00
	185.280						80# 0#			28	GONDOLA	54 KIPS	51 KIPS	0.07
	185.120						80# 0#			49	GONDOLA	-19 KIPS	-22 KIPS	0.07
	184.946						80# 0#			72	GONDOLA	-81 KIPS	-84 KIPS	0.21
HELPERS	184.939						80# 0#			73	GM108	14 KIPS	14 KIPS	0.18

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STATION TIME	SPEED LMT	THLE RUN	AMP'S REL	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	KIPS:CAR	MAXIMUMS (AND LOCATION) L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
													DRAMBAR FORCES FORE	AFT	
O: 9:40	185.827	0	12	RUN 6	910	REL	REL	80/ 0/	131:3	18:1	1	SD40	0 KIPS	68 KIPS	0.18
	185.818							80/ 0/			2	SD40	68 KIPS	131 KIPS	0.17
	185.802							80/ 0/			3	GONDOLA	131 KIPS	128 KIPS	0.10
	185.313							80/ 0/			28	GONDOLA	58 KIPS	53 KIPS	0.07
	185.184							80/ 0/			48	GONDOLA	-18 KIPS	-22 KIPS	0.07
HELPERS	184.980							80/ 0/			72	GONDOLA	-81 KIPS	-94 KIPS	0.17
	184.972							80/ 0/			73	GM108	-84 KIPS	14 KIPS	0.10
	185.559	0	11	RUN 6	1228	REL	REL	80/ 0/	130:3	17:72	1	SD40	0 KIPS	68 KIPS	0.12
	185.547							80/ 0/			2	SD40	68 KIPS	130 KIPS	0.12
	185.534							80/ 0/			3	GONDOLA	130 KIPS	127 KIPS	0.08
O: 10: 0	185.345							80/ 0/			28	GONDOLA	82 KIPS	48 KIPS	0.07
	185.186							80/ 0/			48	GONDOLA	-19 KIPS	-22 KIPS	0.07
	185.012							80/ 0/			72	GONDOLA	-81 KIPS	-95 KIPS	0.17
	185.004							80/ 0/			73	GM108	-86 KIPS	3 KIPS	0.10
	185.590	0	11	RUN 6	1230	REL	REL	80/ 0/	130:3	17:72	1	SD40	0 KIPS	68 KIPS	0.12
HELPERS	185.577							80/ 0/			2	SD40	68 KIPS	130 KIPS	0.12
	185.568							80/ 0/			3	GONDOLA	130 KIPS	127 KIPS	0.08
	185.376							80/ 0/			28	GONDOLA	58 KIPS	53 KIPS	0.07
	185.217							80/ 0/			48	GONDOLA	-18 KIPS	-20 KIPS	0.07
	185.042							80/ 0/			72	GONDOLA	-81 KIPS	-86 KIPS	0.17
O: 10: 10	185.038							80/ 0/			73	GM108	-86 KIPS	14 KIPS	0.10
	185.618	0	10	RUN 6	1231	REL	REL	80/ 0/	130:3	17:72	1	SD40	0 KIPS	68 KIPS	0.12
	185.607							80/ 0/			2	SD40	68 KIPS	130 KIPS	0.12
	185.595							80/ 0/			3	GONDOLA	130 KIPS	127 KIPS	0.10
	185.408							80/ 0/			28	GONDOLA	82 KIPS	48 KIPS	0.07
HELPERS	185.248							80/ 0/			48	GONDOLA	-21 KIPS	-28 KIPS	0.08
	185.072							80/ 0/			72	GONDOLA	-82 KIPS	-96 KIPS	0.17
	185.064							80/ 0/			73	GM108	-86 KIPS	3 KIPS	0.10
	-----> TRAIN ENTERING 0.53 % GRADE														
	185.648	0	10	RUN 6	910	REL	REL	80/ 0/	133:3	17:72	1	SD40	0 KIPS	68 KIPS	0.12
O: 10: 20	185.636							80/ 0/			2	SD40	68 KIPS	133 KIPS	0.12
	185.623							80/ 0/			3	GONDOLA	133 KIPS	130 KIPS	0.10
	185.434							80/ 0/			28	GONDOLA	58 KIPS	52 KIPS	0.00
	185.275							80/ 0/			48	GONDOLA	-18 KIPS	-20 KIPS	0.07
	185.100							80/ 0/			72	GONDOLA	-81 KIPS	-86 KIPS	0.17
HELPERS	185.093							80/ 0/			73	GM108	-86 KIPS	14 KIPS	0.11
	185.675	0	10	RUN 6	1231	REL	REL	80/ 0/	136:3	17:72	1	SD40	0 KIPS	68 KIPS	0.12
	185.663							80/ 0/			2	SD40	68 KIPS	136 KIPS	0.12
	185.651							80/ 0/			3	GONDOLA	136 KIPS	136 KIPS	0.10
	185.461							80/ 0/			28	GONDOLA	58 KIPS	58 KIPS	0.00
O: 10: 30	185.302							80/ 0/			48	GONDOLA	-21 KIPS	-28 KIPS	0.08
	185.128							80/ 0/			72	GONDOLA	-82 KIPS	-96 KIPS	0.17
	185.120							80/ 0/			73	GM108	-86 KIPS	14 KIPS	0.11
	-----> TRAIN ENTERING 0.00 DEGREE CURVE														
	185.618	0	10	RUN 6	1231	REL	REL	80/ 0/							

STATION TIME	MP	SPEED LMT RUN	THTLT AMP	SETTING PRESSURE	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO
0:10:40	185.702	0	9	RUN 6	910 REL REL	80#	0#	136:3	.21:2
	185.689					80#	0#	136:3	.21:2
	185.677					80#	0#	136:3	.21:2
	185.488					80#	0#	136:3	.21:2
	185.328					80#	0#	136:3	.21:2
	185.184					80#	0#	136:3	.21:2
HELPERS	185.147					80#	0#	136:3	.21:2
0:10:50	185.727	0	9	RUN 6	1231 REL REL	80#	0#	137:3	.17:72
	185.715					80#	0#	137:3	.17:72
	185.703					80#	0#	137:3	.17:72
	185.513					80#	0#	137:3	.17:72
	185.354					80#	0#	137:3	.17:72
	185.160					80#	0#	137:3	.17:72
HELPERS	185.173					80#	0#	137:3	.17:72
0:11:0	185.753	0	9	RUN 6	1231 REL REL	80#	0#	137:3	.17:72
	185.741					80#	0#	137:3	.17:72
	185.728					80#	0#	137:3	.17:72
	185.538					80#	0#	137:3	.17:72
	185.380					80#	0#	137:3	.17:72
	185.208					80#	0#	137:3	.17:72
HELPERS	185.198					80#	0#	137:3	.17:72
0:11:10	185.778	0	9	RUN 6	1231 REL REL	80#	0#	136:3	.17:72
	185.766					80#	0#	136:3	.17:72
	185.754					80#	0#	136:3	.17:72
	185.584					80#	0#	136:3	.17:72
	185.408					80#	0#	136:3	.17:72
	185.231					80#	0#	136:3	.17:72
HELPERS	185.223					80#	0#	136:3	.17:72
0:11:20	185.804	0	9	RUN 6	1231 REL REL	80#	0#	136:3	.16:72
	185.781					80#	0#	136:3	.16:72
	185.778					80#	0#	136:3	.16:72
	185.590					80#	0#	136:3	.16:72
	185.430					80#	0#	136:3	.16:72
	185.256					80#	0#	136:3	.16:72
HELPERS	185.249					80#	0#	136:3	.16:72
-----> TRAIN ENTERING 3.00 DEGREE CURVE									
0:11:30	185.828	0	9	RUN 6	910 REL REL	80#	0#	135:3	.19:1
	185.817					80#	0#	135:3	.19:1
	185.805					80#	0#	135:3	.19:1
	185.615					80#	0#	135:3	.19:1
	185.458					80#	0#	135:3	.19:1
	185.282					80#	0#	135:3	.19:1
HELPERS	185.274					80#	0#	135:3	.19:1

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STATION TIME	MP	SPEED LIMIT RUN	THTLT RUN	AMPS SETTING	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
					TRN	IND PIPE CYL				DRUMBAR FORCES FORE	AFT			
O:11:40	185.885	0	10	RUN 6	910	REL	REL	80/ 0/	134:3	16:72	SD40	0 KIPS	67 KIPS	0.12
	185.843							80/ 0/			SD40	97 KIPS	134 KIPS	0.12
	185.831							80/ 0/			GONDOLA	134 KIPS	132 KIPS	0.10
	185.641							80/ 0/			GONDOLA	88 KIPS	82 KIPS	0.08
	185.482							80/ 0/			GONDOLA	31 KIPS	-14 KIPS	0.00
HELPERS	185.308							80/ 0/			GONDOLA	-80 KIPS	-84 KIPS	0.16
	185.301							80/ 0/			GM108	18 KIPS	18 KIPS	0.11
	185.882	0	10	RUN 6	1231	REL	REL	80/ 0/	134:3	17:72	SD40	0 KIPS	67 KIPS	0.12
	185.870							80/ 0/			SD40	67 KIPS	134 KIPS	0.12
	185.858							80/ 0/			GONDOLA	134 KIPS	132 KIPS	0.10
O:12:0	185.668							80/ 0/			GONDOLA	88 KIPS	88 KIPS	0.08
	185.509							80/ 0/			GONDOLA	12 KIPS	10 KIPS	0.08
	185.335							80/ 0/			GONDOLA	-88 KIPS	-84 KIPS	0.17
	185.327							80/ 0/			GM108	-84 KIPS	18 KIPS	0.11
	185.810	0	10	RUN 6	910	REL	REL	80/ 0/	133:3	16:72	SD40	0 KIPS	67 KIPS	0.12
HELPERS	185.898							80/ 0/			SD40	67 KIPS	133 KIPS	0.12
	185.886							80/ 0/			GONDOLA	133 KIPS	131 KIPS	0.10
	185.696							80/ 0/			GONDOLA	83 KIPS	81 KIPS	0.09
	185.537							80/ 0/			GONDOLA	12 KIPS	13 KIPS	0.08
	185.363							80/ 0/			GONDOLA	-88 KIPS	-84 KIPS	0.16
O:12:10	185.385							80/ 0/			GM108	-84 KIPS	18 KIPS	0.11
	185.839	0	11	RUN 6	1231	REL	REL	80/ 0/	133:3	16:72	SD40	0 KIPS	67 KIPS	0.12
	185.827							80/ 0/			SD40	67 KIPS	133 KIPS	0.12
	185.915							80/ 0/			GONDOLA	133 KIPS	131 KIPS	0.10
	185.728							80/ 0/			GONDOLA	82 KIPS	81 KIPS	0.00
HELPERS	185.566							80/ 0/			GONDOLA	13 KIPS	31 KIPS	0.08
	185.392							80/ 0/			GONDOLA	-88 KIPS	-84 KIPS	0.16
	185.384							80/ 0/			GM108	-84 KIPS	4 KIPS	0.10
	185.870	0	11	RUN 6	1231	REL	REL	80/ 0/	133:3	16:72	SD40	0 KIPS	68 KIPS	0.12
	185.858							80/ 0/			SD40	68 KIPS	133 KIPS	0.12
O:12:20	185.845							80/ 0/			GONDOLA	133 KIPS	130 KIPS	0.10
	185.788							80/ 0/			GONDOLA	77 KIPS	76 KIPS	0.00
	185.597							80/ 0/			GONDOLA	17 KIPS	13 KIPS	0.08
	185.422							80/ 0/			GONDOLA	-88 KIPS	-83 KIPS	0.16
	185.415							80/ 0/			GM108	-83 KIPS	16 KIPS	0.12
HELPERS	185.002	0	12	RUN 6	1231	REL	REL	80/ 0/	132:3	15:72	SD40	0 KIPS	66 KIPS	0.12
	185.890							80/ 0/			SD40	66 KIPS	132 KIPS	0.12
	185.877							80/ 0/			GONDOLA	132 KIPS	130 KIPS	0.10
	185.788							80/ 0/			GONDOLA	72 KIPS	70 KIPS	0.00
	185.629							80/ 0/			GONDOLA	18 KIPS	18 KIPS	0.08
HELPERS	185.485							80/ 0/			GONDOLA	-80 KIPS	-84 KIPS	0.16
	185.447							80/ 0/			GM108	-84 KIPS	8 KIPS	0.13

STATION TIME	MP	SPEED LMT	THRTLE RUN	AMPS REL	SETTING REL	BRAKES TRN IND	PRESSURE PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
											DRAMBAR FORCES FORE	DRAMBAR FORCES AFT			
0:12:40	185.036	0	13	RUN 6	910	REL	REL	80# 0#	132:3	.17:71	1	SD40	0 KIPS	88 KIPS	0.12
	185.023							80# 0#			2	SD40	68 KIPS	132 KIPS	0.12
	185.011							80# 0#			3	GONDOLA	132 KIPS	130 KIPS	0.09
	185.822							80# 0#			28	GONDOLA	70 KIPS	68 KIPS	0.08
	185.663							80# 0#			49	GONDOLA	22 KIPS	18 KIPS	0.08
HELPERS 0:12:50	185.488							80# 0#			72	GONDOLA	-89 KIPS	-93 KIPS	0.17
	185.481							80# 0#			73	GM108	-93 KIPS	5 KIPS	0.13
	185.072	0	13	RUN 6	1226	REL	REL	80# 0#	132:3	.22:72	1	SD40	0 KIPS	86 KIPS	0.12
	185.059							80# 0#			2	SD40	86 KIPS	132 KIPS	0.12
	185.047							80# 0#			3	GONDOLA	132 KIPS	129 KIPS	0.09
HELPERS 0:13:0	185.858							80# 0#			28	GONDOLA	68 KIPS	63 KIPS	0.08
	185.699							80# 0#			49	GONDOLA	15 KIPS	13 KIPS	0.07
	185.524							80# 0#			72	GONDOLA	-87 KIPS	-92 KIPS	0.22
	185.517							80# 0#			73	GM108	-92 KIPS	16 KIPS	0.14
	185.110	0	14	RUN 6	1223	REL	REL	80# 0#	132:3	.18:72	1	SD40	0 KIPS	86 KIPS	0.12
HELPERS 0:13:10	185.098							80# 0#			2	SD40	86 KIPS	132 KIPS	0.12
	185.085							80# 0#			3	GONDOLA	132 KIPS	129 KIPS	0.09
	185.896							80# 0#			28	GONDOLA	68 KIPS	63 KIPS	0.08
	185.737							80# 0#			49	GONDOLA	-23 KIPS	30 KIPS	0.01
	185.563							80# 0#			72	GONDOLA	-86 KIPS	-91 KIPS	0.17
HELPERS 0:13:20	185.555							80# 0#			73	GM108	-91 KIPS	3 KIPS	0.13
	185.151	0	15	RUN 6	1219	REL	REL	80# 0#	124:3	.18:72	1	SD40	0 KIPS	82 KIPS	0.12
	185.138							80# 0#			2	SD40	82 KIPS	124 KIPS	0.13
	185.126							80# 0#			3	GONDOLA	124 KIPS	121 KIPS	0.09
	185.937							80# 0#			28	GONDOLA	51 KIPS	48 KIPS	0.08
HELPERS 0:13:30	185.778							80# 0#			49	GONDOLA	-13 KIPS	-16 KIPS	0.02
	185.603							80# 0#			72	GONDOLA	-88 KIPS	-91 KIPS	0.18
	185.596							80# 0#			73	GM108	-91 KIPS	2 KIPS	0.13
	-----> TRAIN ENTERING 0.00 DEGREE CURVE														
	185.194	0	16	RUN 6	1216	REL	REL	80# 0#	117:3	.20:72	1	SD40	0 KIPS	58 KIPS	0.10
HELPERS 0:13:40	185.182							80# 0#			2	SD40	58 KIPS	117 KIPS	0.17
	185.169							80# 0#			3	GONDOLA	117 KIPS	114 KIPS	0.13
	185.980							80# 0#			28	GONDOLA	46 KIPS	43 KIPS	0.08
	185.821							80# 0#			49	GONDOLA	-24 KIPS	-27 KIPS	0.08
	185.647							80# 0#			72	GONDOLA	-87 KIPS	-90 KIPS	0.20
HELPERS 0:13:50	185.639							80# 0#			73	GM108	-90 KIPS	3 KIPS	0.13
	185.240	0	17	RUN 6	1212	REL	REL	80# 0#	110:3	.20:72	1	SD40	0 KIPS	55 KIPS	0.00
	185.228							80# 0#			2	SD40	55 KIPS	110 KIPS	0.00
	185.215							80# 0#			3	GONDOLA	110 KIPS	108 KIPS	0.02
	185.026							80# 0#			28	GONDOLA	38 KIPS	35 KIPS	0.07
HELPERS	185.857							80# 0#			49	GONDOLA	-31 KIPS	-33 KIPS	0.09
	185.693							80# 0#			72	GONDOLA	-90 KIPS	-93 KIPS	0.20
HELPERS	185.685							80# 0#			73	GM108	-93 KIPS	3 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS REL	SETTING REL	PIPE REL	BRAKES CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES FORE	AFT	L/V RATIO
0:13:40	186.288	0	18	RUN	6	711	REL	REL	1	SD40	0 KIPS	51 KIPS	0.00
	186.276								2	SD40	51 KIPS	103 KIPS	0.00
	186.264								3	GONDOLA	103 KIPS	100 KIPS	0.00
	186.074								28	GONDOLA	38 KIPS	33 KIPS	0.07
	186.015								48	GONDOLA	-28 KIPS	-31 KIPS	0.08
	185.915								72	GONDOLA	-80 KIPS	-83 KIPS	0.16
	185.741								73	GM108	-83 KIPS	13 KIPS	0.14
HELPERS	185.733												
-----> TRAIN ENTERING 0.98 % GRADE													
-----> TRAIN ENTERING 3.00 DEGREE CURVE													
0:13:50	186.338	0	19	RUN	6	681	REL	REL	1	SD40	0 KIPS	49 KIPS	0.13
	186.327								2	SD40	49 KIPS	97 KIPS	0.06
	186.314								3	GONDOLA	97 KIPS	98 KIPS	0.00
	186.128								28	GONDOLA	33 KIPS	30 KIPS	0.07
	185.966								48	GONDOLA	-31 KIPS	-34 KIPS	0.08
	185.782								72	GONDOLA	-91 KIPS	-93 KIPS	0.15
HELPERS	185.784								73	GM108	-93 KIPS	3 KIPS	0.13
0:14:0	186.352	0	19	RUN	6	659	REL	REL	1	SD40	0 KIPS	44 KIPS	0.15
	186.378								2	SD40	44 KIPS	88 KIPS	0.18
	186.367								3	GONDOLA	88 KIPS	88 KIPS	0.15
	186.178								28	GONDOLA	24 KIPS	21 KIPS	0.07
	186.019								48	GONDOLA	-31 KIPS	-33 KIPS	0.08
	185.844								72	GONDOLA	-89 KIPS	-92 KIPS	0.21
HELPERS	185.837								73	GM108	-92 KIPS	0 KIPS	0.23
0:14:10	186.448	0	20	RUN	6	645	REL	REL	1	SD40	0 KIPS	43 KIPS	0.08
	186.433								2	SD40	43 KIPS	85 KIPS	0.11
	186.421								3	GONDOLA	85 KIPS	82 KIPS	0.08
	186.232								28	GONDOLA	21 KIPS	19 KIPS	0.00
	186.073								48	GONDOLA	-38 KIPS	-38 KIPS	0.10
	185.898								72	GONDOLA	-90 KIPS	-92 KIPS	0.21
HELPERS	185.881								73	GM108	-92 KIPS	2 KIPS	0.23
0:14:20	186.501	0	20	RUN	6	633	REL	REL	1	SD40	0 KIPS	42 KIPS	0.08
	186.489								2	SD40	42 KIPS	83 KIPS	0.11
	186.478								3	GONDOLA	83 KIPS	80 KIPS	0.08
	186.287								28	GONDOLA	10 KIPS	8 KIPS	0.00
	186.128								48	GONDOLA	-40 KIPS	-42 KIPS	0.11
	185.954								72	GONDOLA	-90 KIPS	-92 KIPS	0.21
HELPERS	185.948								73	GM108	-92 KIPS	2 KIPS	0.23
0:14:30	186.557	0	20	RUN	6	624	REL	REL	1	SD40	0 KIPS	41 KIPS	0.08
	186.545								2	SD40	41 KIPS	81 KIPS	0.11
	186.533								3	GONDOLA	81 KIPS	78 KIPS	0.08
	186.343								28	GONDOLA	-8 KIPS	-7 KIPS	0.07
	186.184								48	GONDOLA	-48 KIPS	-47 KIPS	0.12
	186.010								72	GONDOLA	-91 KIPS	-93 KIPS	0.21
HELPERS	186.002								73	GM108	-93 KIPS	3 KIPS	0.23

QCM D-70-E/O/ GM10B

STATION TIME	MP	SPEED LMT RUN	THITLE TRN IND	AMPS PIPE	SETTING CYL	PRESSURE KIPS:CAR	MAXIMUMS (AND LOCATION) L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
L 14:40	186.613	0	20	RUN 6	626	REL	REL	1	SD40	0 KIPS	42 KIPS	0.09
	186.601							2	SD40	42 KIPS	84 KIPS	0.13
	186.589							3	GONDOLA	84 KIPS	81 KIPS	0.09
	186.399							28	GONDOLA	33 KIPS	33 KIPS	0.07
	186.240							49	GONDOLA	-45 KIPS	-47 KIPS	0.05
HELPERS O:14:50	186.066							72	GONDOLA	-90 KIPS	-92 KIPS	0.21
	186.059							73	GM10B	-92 KIPS	12 KIPS	0.23
	186.059							1	SD40	0 KIPS	42 KIPS	0.09
	186.057							2	SD40	42 KIPS	84 KIPS	0.11
	186.045							3	GONDOLA	84 KIPS	82 KIPS	0.08
HELPERS O:15:10	186.455							28	GONDOLA	-41 KIPS	-45 KIPS	0.07
	186.286							49	GONDOLA	-64 KIPS	-64 KIPS	0.07
	186.122							72	GONDOLA	-92 KIPS	-94 KIPS	0.21
	186.114							73	GM10B	-94 KIPS	4 KIPS	0.23
	186.725							1	SD40	0 KIPS	42 KIPS	0.09
HELPERS O:15:20	186.713							2	SD40	42 KIPS	83 KIPS	0.14
	186.701							3	GONDOLA	83 KIPS	81 KIPS	0.13
	186.511							28	GONDOLA	39 KIPS	40 KIPS	0.07
	186.352							48	GONDOLA	-64 KIPS	-66 KIPS	0.13
	186.178							72	GONDOLA	-93 KIPS	-95 KIPS	0.21
HELPERS O:15:30	186.781							73	GM10B	-95 KIPS	11 KIPS	0.24
	186.768							1	SD40	0 KIPS	43 KIPS	0.00
	186.756							2	SD40	43 KIPS	85 KIPS	0.00
	186.567							3	GONDOLA	85 KIPS	83 KIPS	0.00
	186.408							28	GONDOLA	25 KIPS	22 KIPS	0.07
HELPERS O:15:40	186.233							49	GONDOLA	-45 KIPS	-48 KIPS	0.12
	186.226							72	GONDOLA	-93 KIPS	-94 KIPS	0.18
	186.838							73	GM10B	-94 KIPS	12 KIPS	0.14
	186.824							1	SD40	0 KIPS	43 KIPS	0.00
	186.811							2	SD40	43 KIPS	85 KIPS	0.00
HELPERS O:15:50	186.622							3	GONDOLA	85 KIPS	83 KIPS	0.00
	186.463							28	GONDOLA	24 KIPS	21 KIPS	0.07
	186.289							49	GONDOLA	-48 KIPS	-48 KIPS	0.12
	186.281							72	GONDOLA	-94 KIPS	-95 KIPS	0.15
	186.890							73	GM10B	-95 KIPS	10 KIPS	0.13
HELPERS O:16:00	186.878							1	SD40	0 KIPS	44 KIPS	0.00
	186.868							2	SD40	44 KIPS	88 KIPS	0.00
	186.676							3	GONDOLA	88 KIPS	87 KIPS	0.00
	186.517							28	GONDOLA	37 KIPS	35 KIPS	0.07
	186.343							49	GONDOLA	-31 KIPS	-34 KIPS	0.09
HELPERS O:16:10	186.335							72	GONDOLA	-92 KIPS	-94 KIPS	0.20
	186.335							73	GM10B	-94 KIPS	12 KIPS	0.21

QCM D-70-E/O/

GM108

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STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRABAR FORCES		L/V RATIO
											FORE	AFT	
O:15:40	186.944	0	19	RUN	8	657	REL	REL	1	SD40	0 KIPS	44 KIPS	0.00
	186.931							80# 0#	2	SD40	44 KIPS	89 KIPS	0.00
	186.919							80# 0#	3	GONDOLA	89 KIPS	86 KIPS	0.00
	186.730							80# 0#	28	GONDOLA	31 KIPS	29 KIPS	0.07
HELPERS O:15:50	186.571							80# 0#	48	GONDOLA	-34 KIPS	-36 KIPS	0.08
	186.396							80# 0#	72	GONDOLA	-80 KIPS	-83 KIPS	0.21
	186.389	0	19	RUN	8	1200	REL	REL	73	GONDOLA	-93 KIPS	3 KIPS	0.23
	186.887							80# 0#	1	GM108	0 KIPS	46 KIPS	0.00
HELPERS O:16:00	186.884							80# 0#	2	SD40	46 KIPS	91 KIPS	0.00
	186.872							80# 0#	3	GONDOLA	91 KIPS	89 KIPS	0.00
	186.783							80# 0#	28	GONDOLA	35 KIPS	33 KIPS	0.00
	186.624							80# 0#	49	GONDOLA	-30 KIPS	-32 KIPS	0.08
HELPERS O:16:10	186.449							80# 0#	72	GONDOLA	-89 KIPS	-92 KIPS	0.21
	186.442	0	19	RUN	8	1201	REL	REL	73	GM108	0 KIPS	48 KIPS	0.00
	187.049							80# 0#	1	SD40	48 KIPS	91 KIPS	0.00
	187.037							80# 0#	2	GONDOLA	91 KIPS	89 KIPS	0.00
HELPERS O:16:20	187.024							80# 0#	28	GONDOLA	33 KIPS	30 KIPS	0.00
	186.838							80# 0#	49	GONDOLA	-29 KIPS	-32 KIPS	0.08
	186.876	0	19	RUN	8	1202	REL	REL	72	GONDOLA	-90 KIPS	-93 KIPS	0.21
	186.502							80# 0#	73	GM108	0 KIPS	46 KIPS	0.00
HELPERS O:16:30	186.494							80# 0#	1	SD40	46 KIPS	92 KIPS	0.00
	187.101							80# 0#	2	GONDOLA	92 KIPS	89 KIPS	0.00
	187.089							80# 0#	28	GONDOLA	31 KIPS	29 KIPS	0.00
	187.078	0	19	RUN	8	1202	REL	REL	49	GONDOLA	-27 KIPS	-29 KIPS	0.08
HELPERS O:16:40	186.887							80# 0#	72	GONDOLA	-89 KIPS	-91 KIPS	0.21
	186.728							80# 0#	73	GM108	0 KIPS	48 KIPS	0.00
	186.554							80# 0#	1	SD40	48 KIPS	92 KIPS	0.00
	186.546	0	19	RUN	8	1202	REL	REL	2	GONDOLA	92 KIPS	90 KIPS	0.00
HELPERS O:16:50	187.153							80# 0#	28	GONDOLA	32 KIPS	29 KIPS	0.00
	187.140							80# 0#	49	GONDOLA	-30 KIPS	-32 KIPS	0.04
	187.128							80# 0#	72	GONDOLA	-90 KIPS	-92 KIPS	0.21
	186.939	0	19	RUN	8	1202	REL	REL	73	GM108	0 KIPS	46 KIPS	0.00
HELPERS O:17:00	186.780							80# 0#	1	SD40	46 KIPS	92 KIPS	0.00
	186.605							80# 0#	2	GONDOLA	92 KIPS	90 KIPS	0.00
	186.598							80# 0#	28	GONDOLA	32 KIPS	29 KIPS	0.00
	187.204	0	18	RUN	8	1202	REL	REL	49	GONDOLA	-30 KIPS	-32 KIPS	0.04
HELPERS O:17:10	187.192							80# 0#	72	GONDOLA	-90 KIPS	-92 KIPS	0.21
	187.179							80# 0#	73	GM108	0 KIPS	46 KIPS	0.00
	186.980							80# 0#	1	SD40	46 KIPS	92 KIPS	0.00
	186.831							80# 0#	2	GONDOLA	92 KIPS	90 KIPS	0.00
HELPERS O:17:20	186.657							80# 0#	28	GONDOLA	28 KIPS	26 KIPS	0.00
	186.649							80# 0#	49	GONDOLA	-28 KIPS	-32 KIPS	0.04
								80# 0#	72	GONDOLA	-89 KIPS	-92 KIPS	0.21
								80# 0#	73	GM108	0 KIPS	46 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	IND	PIPE	CVL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0:16:40	187.255	0	18	6	685	REL	REL	93:3 .23:73	1	SD40	0 KIPS	0.00
	187.243								2	SD40	46 KIPS	0.00
	187.231								3	GONDOLA	93 KIPS	0.00
	187.041								28	GONDOLA	30 KIPS	0.00
	186.882								49	GONDOLA	-29 KIPS	0.04
	186.708								72	GONDOLA	-92 KIPS	0.21
	186.700								73	GM10B	-92 KIPS	0.23
HELPERS	186.700											
-----> TRAIN ENTERING 3.00 DEGREE CURVE												
0:16:50	187.307	0	18	6	684	REL	REL	93:3 .17:3	1	SD40	0 KIPS	0.15
	187.284								2	SD40	46 KIPS	0.16
	187.282								3	GONDOLA	93 KIPS	0.17
	187.093								28	GONDOLA	26 KIPS	0.00
	186.934								49	GONDOLA	-31 KIPS	0.04
	186.759								72	GONDOLA	-93 KIPS	0.15
HELPERS	186.752								73	GM10B	-93 KIPS	0.12
0:17:0	187.358	0	18	6	1203	REL	REL	93:3 .15:72	1	SD40	0 KIPS	0.09
	187.345								2	SD40	46 KIPS	0.11
	187.333								3	GONDOLA	93 KIPS	0.08
	187.144								28	GONDOLA	28 KIPS	0.00
	186.985								49	GONDOLA	-29 KIPS	0.04
	186.810								72	GONDOLA	-93 KIPS	0.15
HELPERS	186.803								73	GM10B	-93 KIPS	0.12
-----> TRAIN ENTERING 0.00 DEGREE CURVE												
0:17:10	187.408	0	18	6	689	REL	REL	93:3 .16:2	1	SD40	0 KIPS	0.09
	187.386								2	SD40	47 KIPS	0.16
	187.384								3	GONDOLA	93 KIPS	0.14
	187.195								28	GONDOLA	28 KIPS	0.00
	187.036								49	GONDOLA	-33 KIPS	0.04
	186.851								72	GONDOLA	-93 KIPS	0.15
HELPERS	186.854								73	GM10B	-93 KIPS	0.12
0:17:20	187.459	0	18	6	1203	REL	REL	94:3 .15:72	1	SD40	0 KIPS	0.02
	187.447								2	SD40	47 KIPS	0.13
	187.435								3	GONDOLA	94 KIPS	0.11
	187.245								28	GONDOLA	27 KIPS	0.00
	187.088								49	GONDOLA	-32 KIPS	0.04
	186.912								72	GONDOLA	-90 KIPS	0.15
HELPERS	186.904								73	GM10B	-93 KIPS	0.13
-----> TRAIN ENTERING 0.00 % GRADE												
0:17:30	187.510	0	18	6	693	REL	REL	100:3 .16:1	1	SD40	0 KIPS	0.16
	187.498								2	SD40	51 KIPS	0.16
	187.485								3	GONDOLA	100 KIPS	0.05
	187.296								28	GONDOLA	99 KIPS	0.07
	187.137								49	GONDOLA	-31 KIPS	0.04
	186.963								72	GONDOLA	-93 KIPS	0.15
HELPERS	186.955								73	GM10B	-93 KIPS	0.12
-----> TRAIN ENTERING 0.65 % GRADE												

QCM D-70-E/O/ GM108

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	BRAKES PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0:17:40	187.561	0	18	RUN	8	691	REL	REL	1	SD40	0 KIPS	50 KIPS	0.15
	187.548								2	SD40	50 KIPS	100 KIPS	0.16
	187.536								3	GONDOLA	100 KIPS	98 KIPS	0.13
	187.347								28	GONDOLA	40 KIPS	37 KIPS	0.07
	187.187								48	GONDOLA	-29 KIPS	-31 KIPS	0.04
	187.013								72	GONDOLA	-80 KIPS	-83 KIPS	0.15
HELPERS	187.006								73	GM108	-93 KIPS	13 KIPS	0.13
0:17:50	187.611	0	18	RUN	8	688	REL	REL	1	SD40	0 KIPS	47 KIPS	0.15
	187.599								2	SD40	47 KIPS	95 KIPS	0.16
	187.587								3	GONDOLA	95 KIPS	93 KIPS	0.12
	187.387								28	GONDOLA	41 KIPS	38 KIPS	0.07
	187.238								49	GONDOLA	-28 KIPS	-31 KIPS	0.04
	187.084								72	GONDOLA	-80 KIPS	-83 KIPS	0.15
HELPERS	187.057								73	GM108	-93 KIPS	3 KIPS	0.13
0:18:0	187.663	0	18	RUN	8	1203	REL	REL	1	SD40	0 KIPS	47 KIPS	0.15
	187.650								2	SD40	47 KIPS	93 KIPS	0.12
	187.638								3	GONDOLA	93 KIPS	91 KIPS	0.00
	187.449								28	GONDOLA	-28 KIPS	-31 KIPS	0.08
	187.290								49	GONDOLA	-80 KIPS	-83 KIPS	0.15
	187.115								72	GONDOLA	-93 KIPS	14 KIPS	0.12
HELPERS	187.108								73	GM108	-93 KIPS	47 KIPS	0.15
0:18:10	187.714	0	18	RUN	8	678	REL	REL	1	SD40	0 KIPS	47 KIPS	0.15
	187.702								2	SD40	47 KIPS	93 KIPS	0.12
	187.689								3	GONDOLA	93 KIPS	91 KIPS	0.11
	187.500								28	GONDOLA	-22 KIPS	-25 KIPS	0.08
	187.341								49	GONDOLA	-80 KIPS	-83 KIPS	0.15
	187.167								72	GONDOLA	-93 KIPS	0 KIPS	0.13
HELPERS	187.159								73	GM108	0 KIPS	48 KIPS	0.15
0:18:20	187.766	0	18	RUN	8	674	REL	REL	1	SD40	0 KIPS	48 KIPS	0.15
	187.754								2	SD40	48 KIPS	92 KIPS	0.12
	187.741								3	GONDOLA	92 KIPS	90 KIPS	0.11
	187.552								28	GONDOLA	-32 KIPS	-34 KIPS	0.08
	187.393								49	GONDOLA	-21 KIPS	-24 KIPS	0.15
	187.219								72	GONDOLA	-88 KIPS	-91 KIPS	0.12
HELPERS	187.211								73	GM108	-91 KIPS	0 KIPS	0.12
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0:18:30	187.818	0	18	RUN	8	668	REL	REL	1	SD40	0 KIPS	46 KIPS	0.15
	187.806								2	SD40	46 KIPS	92 KIPS	0.16
	187.794								3	GONDOLA	92 KIPS	90 KIPS	0.13
	187.604								28	GONDOLA	-31 KIPS	-28 KIPS	0.11
	187.445								48	GONDOLA	-19 KIPS	-22 KIPS	0.08
	187.271								72	GONDOLA	-89 KIPS	-92 KIPS	0.18
HELPERS	187.263								73	GM108	-92 KIPS	2 KIPS	0.12

STATION TIME	MP	SPEED LMT RUN	THLTL AMPS TRN IND	BRKES SETTING PRESSURE PIPE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0:18:40	187.871	0	19 RUN 6	662 REL REL	80# 0#	1	SD40	0 KIPS	0.00
	187.859				80# 0#	2	SD40	46 KIPS	0.00
	187.847				80# 0#	3	GONDOLA	92 KIPS	0.00
	187.857				80# 0#	28	GONDOLA	34 KIPS	0.11
	187.498				80# 0#	49	GONDOLA	-27 KIPS	0.12
	187.324				80# 0#	72	GONDOLA	-88 KIPS	0.21
HELPERS	187.316				80# 0#	73	GM108	3 KIPS	0.22
0:18:50	187.925	0	19 RUN 6	1200 REL REL	80# 0#	1	SD40	45 KIPS	0.00
	187.913				80# 0#	2	SD40	89 KIPS	0.00
	187.900				80# 0#	3	GONDOLA	87 KIPS	0.00
	187.711				80# 0#	28	GONDOLA	29 KIPS	0.11
	187.552				80# 0#	49	GONDOLA	-30 KIPS	0.12
	187.378				80# 0#	72	GONDOLA	-88 KIPS	0.21
HELPERS	187.370				80# 0#	73	GM108	-91 KIPS	0.22
-----> TRAIN ENTERING 4.00 DEGREE CURVE									
0:19:0	187.979	0	20 RUN 6	641 REL REL	80# 0#	1	SD40	0 KIPS	0.13
	187.967				80# 0#	2	SD40	44 KIPS	0.00
	187.955				80# 0#	3	GONDOLA	88 KIPS	0.00
	187.785				80# 0#	28	GONDOLA	31 KIPS	0.11
	187.608				80# 0#	49	GONDOLA	-31 KIPS	0.12
	187.432				80# 0#	72	GONDOLA	-88 KIPS	0.21
HELPERS	187.424				80# 0#	73	GM108	-91 KIPS	0.23
0:19:10	188.035	0	20 RUN 6	1198 REL REL	80# 0#	1	SD40	43 KIPS	0.15
	188.023				80# 0#	2	SD40	86 KIPS	0.19
	188.010				80# 0#	3	GONDOLA	83 KIPS	0.19
	187.821				80# 0#	28	GONDOLA	28 KIPS	0.11
	187.662				80# 0#	49	GONDOLA	-35 KIPS	0.12
	187.488				80# 0#	72	GONDOLA	-90 KIPS	0.16
HELPERS	187.480				80# 0#	73	GM108	-91 KIPS	0.12
-----> TRAIN ENTERING 0.85 X GRADE									
0:19:20	188.082	0	20 RUN 6	621 REL REL	80# 0#	1	SD40	0 KIPS	0.13
	188.079				80# 0#	2	SD40	41 KIPS	0.15
	188.067				80# 0#	3	GONDOLA	82 KIPS	0.10
	187.877				80# 0#	28	GONDOLA	37 KIPS	0.00
	187.718				80# 0#	49	GONDOLA	47 KIPS	0.12
	187.544				80# 0#	72	GONDOLA	-83 KIPS	0.27
HELPERS	187.537				80# 0#	73	GM108	-95 KIPS	0.18
0:19:30	188.148	0	20 RUN 6	877 REL REL	80# 0#	1	SD40	42 KIPS	0.13
	188.136				80# 0#	2	SD40	83 KIPS	0.16
	188.123				80# 0#	3	GONDOLA	81 KIPS	0.10
	187.934				80# 0#	28	GONDOLA	40 KIPS	0.00
	187.775				80# 0#	49	GONDOLA	-71 KIPS	0.12
	187.601				80# 0#	72	GONDOLA	-89 KIPS	0.23
HELPERS	187.593				80# 0#	73	GM108	-92 KIPS	0.16

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	AFT	
0:19:40	188.208	0	21	RUN	8	610	REL	REL	1	SD40	0 KIPS	40 KIPS	0.13
	188.193						80/	0/	2	SD40	40 KIPS	81 KIPS	0.18
	188.180						80/	0/	3	GONDOLA	81 KIPS	77 KIPS	0.10
	187.991						80/	0/	28	GONDOLA	-52 KIPS	-87 KIPS	0.10
	187.832						80/	0/	48	GONDOLA	-44 KIPS	-48 KIPS	0.11
	187.658						80/	0/	72	GONDOLA	-90 KIPS	-92 KIPS	0.23
HELPERS	187.650						80/	0/	73	GM108	-82 KIPS	13 KIPS	0.16
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0:19:50	188.283	0	21	RUN	8	615	REL	REL	1	SD40	0 KIPS	41 KIPS	0.13
	188.260						80/	0/	2	SD40	41 KIPS	82 KIPS	0.18
	188.238						80/	0/	3	GONDOLA	82 KIPS	80 KIPS	0.11
	188.048						80/	0/	28	GONDOLA	20 KIPS	24 KIPS	0.10
	187.889						80/	0/	48	GONDOLA	-34 KIPS	-37 KIPS	0.04
	187.715						80/	0/	72	GONDOLA	-89 KIPS	-91 KIPS	0.23
HELPERS	187.708						80/	0/	73	GM108	-81 KIPS	14 KIPS	0.16
0:20:0	188.320	0	21	RUN	8	604	REL	REL	1	SD40	0 KIPS	41 KIPS	0.00
	188.308						80/	0/	2	SD40	41 KIPS	81 KIPS	0.00
	186.296						80/	0/	3	GONDOLA	81 KIPS	78 KIPS	0.00
	188.106						80/	0/	28	GONDOLA	30 KIPS	-32 KIPS	0.10
	187.947						80/	0/	48	GONDOLA	-50 KIPS	-52 KIPS	0.08
	187.773						80/	0/	72	GONDOLA	-81 KIPS	-83 KIPS	0.23
HELPERS	187.765						80/	0/	73	GM108	-83 KIPS	12 KIPS	0.18
0:20:10	188.379	0	21	RUN	8	606	REL	REL	1	SD40	0 KIPS	40 KIPS	0.00
	188.368						80/	0/	2	SD40	40 KIPS	80 KIPS	0.00
	188.354						80/	0/	3	GONDOLA	80 KIPS	78 KIPS	0.00
	188.165						80/	0/	28	GONDOLA	30 KIPS	33 KIPS	0.10
	188.006						80/	0/	48	GONDOLA	-47 KIPS	-48 KIPS	0.11
	187.831						80/	0/	72	GONDOLA	-90 KIPS	-92 KIPS	0.23
HELPERS	187.824						80/	0/	73	GM108	-92 KIPS	13 KIPS	0.16
0:20:20	188.437	0	21	RUN	8	602	REL	REL	1	SD40	0 KIPS	40 KIPS	0.00
	188.426						80/	0/	2	SD40	40 KIPS	80 KIPS	0.00
	188.412						80/	0/	3	GONDOLA	80 KIPS	78 KIPS	0.00
	188.223						80/	0/	28	GONDOLA	21 KIPS	18 KIPS	0.10
	188.064						80/	0/	48	GONDOLA	-47 KIPS	-50 KIPS	0.13
	187.890						80/	0/	72	GONDOLA	-81 KIPS	-83 KIPS	0.18
HELPERS	187.882						80/	0/	73	GM108	-83 KIPS	11 KIPS	0.12
0:20:30	188.486	0	21	RUN	8	603	REL	REL	1	SD40	0 KIPS	40 KIPS	0.00
	188.483						80/	0/	2	SD40	40 KIPS	80 KIPS	0.00
	188.471						80/	0/	3	GONDOLA	80 KIPS	78 KIPS	0.00
	188.281						80/	0/	28	GONDOLA	21 KIPS	18 KIPS	0.10
	188.122						80/	0/	48	GONDOLA	-47 KIPS	-50 KIPS	0.13
	187.948						80/	0/	72	GONDOLA	-81 KIPS	-83 KIPS	0.18
HELPERS	187.941						80/	0/	73	GM108	-83 KIPS	12 KIPS	0.12
-----> TRAIN ENTERING 4.00 DEGREE CURVE													

STATION TIME	SPEED LMT RUN	THRTLE AMP	BRAKES SETTING TRN IND PIPE CYL	PRESSURE KIPS: CAR L/V: CAR	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
								FORE	AFT	
0:20:40	188.554	0	21 RUN 6	805 REL REL	80# 0#	1	SD40	0 KIPS	40 KIPS	0.15
	188.542				80# 0#	2	SD40	40 KIPS	80 KIPS	0.18
	188.528				80# 0#	3	GONDOLA	80 KIPS	78 KIPS	0.18
	188.340				80# 0#	28	GONDOLA	25 KIPS	23 KIPS	0.00
HELPERS	188.181				80# 0#	49	GONDOLA	-32 KIPS	-35 KIPS	0.11
	188.007				80# 0#	72	GONDOLA	-90 KIPS	-92 KIPS	0.23
	187.999				80# 0#	73	GM10B	-92 KIPS	3 KIPS	0.25
	188.812				80# 0#	1	SD40	0 KIPS	40 KIPS	0.13
0:20:50	188.800	0	21 RUN 6	805 REL REL	80# 0#	2	SD40	40 KIPS	79 KIPS	0.14
	188.588				80# 0#	3	GONDOLA	79 KIPS	77 KIPS	0.13
	188.398				80# 0#	28	GONDOLA	22 KIPS	20 KIPS	0.00
	188.239				80# 0#	49	GONDOLA	-32 KIPS	-35 KIPS	0.11
HELPERS	188.065				80# 0#	72	GONDOLA	-90 KIPS	-92 KIPS	0.23
	188.057				80# 0#	73	GM10B	-92 KIPS	12 KIPS	0.25
	188.057				80# 0#	1	SD40	0 KIPS	40 KIPS	0.13
	188.970				80# 0#	2	SD40	40 KIPS	80 KIPS	0.14
0:21:0	188.858				80# 0#	3	GONDOLA	23 KIPS	21 KIPS	0.00
	188.646				80# 0#	28	GONDOLA	-31 KIPS	-33 KIPS	0.04
	188.456				80# 0#	49	GONDOLA	-88 KIPS	-91 KIPS	0.23
	188.287				80# 0#	72	GONDOLA	-91 KIPS	2 KIPS	0.25
HELPERS	188.123				80# 0#	73	GM10B	0 KIPS	40 KIPS	0.13
	188.115				80# 0#	1	SD40	40 KIPS	80 KIPS	0.14
	188.728				80# 0#	2	GONDOLA	80 KIPS	78 KIPS	0.10
	188.716				80# 0#	3	GONDOLA	16 KIPS	14 KIPS	0.00
0:21:10	188.704				80# 0#	28	GONDOLA	-34 KIPS	-37 KIPS	0.04
	188.514				80# 0#	49	GONDOLA	-89 KIPS	-91 KIPS	0.23
	188.355				80# 0#	72	GONDOLA	-91 KIPS	13 KIPS	0.25
	188.181				80# 0#	73	GM10B	0 KIPS	41 KIPS	0.13
HELPERS	188.173				80# 0#	1	SD40	41 KIPS	81 KIPS	0.14
	188.785				80# 0#	2	GONDOLA	81 KIPS	79 KIPS	0.10
	188.774				80# 0#	3	GONDOLA	21 KIPS	18 KIPS	0.10
	188.761				80# 0#	28	GONDOLA	-32 KIPS	-35 KIPS	0.04
0:21:20	188.572				80# 0#	49	GONDOLA	-88 KIPS	-91 KIPS	0.23
	188.413				80# 0#	72	GONDOLA	-91 KIPS	14 KIPS	0.26
	188.239				80# 0#	73	GM10B	0 KIPS	41 KIPS	0.13
	188.231				80# 0#	1	SD40	41 KIPS	81 KIPS	0.14
HELPERS	188.231				80# 0#	2	GONDOLA	81 KIPS	79 KIPS	0.10
	188.844				80# 0#	3	GONDOLA	21 KIPS	18 KIPS	0.10
	188.831				80# 0#	28	GONDOLA	-32 KIPS	-35 KIPS	0.04
	188.819				80# 0#	49	GONDOLA	-88 KIPS	-91 KIPS	0.23
0:21:30	188.630				80# 0#	72	GONDOLA	-91 KIPS	14 KIPS	0.26
	188.471				80# 0#	73	GM10B	0 KIPS	41 KIPS	0.13
	188.286				80# 0#	1	SD40	41 KIPS	81 KIPS	0.14
	188.289				80# 0#	2	GONDOLA	81 KIPS	79 KIPS	0.10
HELPERS	188.289				80# 0#	3	GONDOLA	20 KIPS	18 KIPS	0.10
	188.289				80# 0#	28	GONDOLA	-38 KIPS	-41 KIPS	0.05
	188.289				80# 0#	49	GONDOLA	-90 KIPS	-92 KIPS	0.15
	188.289				80# 0#	72	GONDOLA	-92 KIPS	3 KIPS	0.14

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STATION TIME	SPEED MP	THRTLE LMT RUN	AMPS REL	SETTING REL	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
O:21:40	188.901	0	21	RUN 6	611	REL REL	1	SD40	0 KIPS	41 KIPS	0.13
	188.889				80/	0/	2	SD40	41 KIPS	81 KIPS	0.14
	188.877				80/	0/	3	GONDOLA	81 KIPS	78 KIPS	0.10
	188.867				80/	0/	28	GONDOLA	28 KIPS	23 KIPS	0.10
HELPERS	188.857				80/	0/	49	GONDOLA	-37 KIPS	-38 KIPS	0.08
	188.828				80/	0/	72	GONDOLA	-92 KIPS	-92 KIPS	0.18
	188.354				80/	0/	73	GONDOLA	-92 KIPS	13 KIPS	0.12
	188.346				80/	0/	73	GM108	-92 KIPS	41 KIPS	0.13
O:21:50	188.858	0	21	RUN 6	1190	REL REL	1	SD40	0 KIPS	41 KIPS	0.13
	188.847				80/	0/	2	SD40	41 KIPS	81 KIPS	0.14
	188.834				80/	0/	3	GONDOLA	81 KIPS	78 KIPS	0.10
	188.834				80/	0/	28	GONDOLA	28 KIPS	22 KIPS	0.10
HELPERS	188.745				80/	0/	49	GONDOLA	-34 KIPS	-37 KIPS	0.11
	188.686				80/	0/	72	GONDOLA	-80 KIPS	-82 KIPS	0.14
	188.412				80/	0/	73	GONDOLA	-82 KIPS	3 KIPS	0.12
	188.404				80/	0/	73	GM108	-82 KIPS	3 KIPS	0.12
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
O:22:0	188.017	0	21	RUN 6	610	REL REL	1	SD40	0 KIPS	41 KIPS	0.13
	188.004				80/	0/	2	SD40	41 KIPS	82 KIPS	0.18
	188.992				80/	0/	3	GONDOLA	82 KIPS	80 KIPS	0.11
	188.803				80/	0/	28	GONDOLA	24 KIPS	21 KIPS	0.10
HELPERS	188.843				80/	0/	49	GONDOLA	-38 KIPS	-38 KIPS	0.11
	188.468				80/	0/	72	GONDOLA	-80 KIPS	-82 KIPS	0.16
	188.462				80/	0/	73	GONDOLA	-82 KIPS	13 KIPS	0.14
	188.074	0	21	RUN 6	1191	REL REL	1	SD40	0 KIPS	41 KIPS	0.00
O:22:10	189.074				80/	0/	2	SD40	41 KIPS	82 KIPS	0.00
	189.062				80/	0/	3	GONDOLA	82 KIPS	81 KIPS	0.00
	189.050				80/	0/	28	GONDOLA	28 KIPS	27 KIPS	0.10
	188.860				80/	0/	49	GONDOLA	-28 KIPS	-28 KIPS	0.11
HELPERS	188.527				80/	0/	72	GONDOLA	-88 KIPS	-82 KIPS	0.14
	188.701				80/	0/	73	GONDOLA	-82 KIPS	13 KIPS	0.12
	188.519	0	21	RUN 6	1188	REL REL	1	SD40	0 KIPS	41 KIPS	0.00
	188.132	0	21	RUN 6	608	REL REL	2	SD40	41 KIPS	82 KIPS	0.00
O:22:20	189.120				80/	0/	3	GONDOLA	82 KIPS	80 KIPS	0.00
	189.107				80/	0/	28	GONDOLA	28 KIPS	24 KIPS	0.10
	188.918				80/	0/	49	GONDOLA	-30 KIPS	-33 KIPS	0.11
	188.788				80/	0/	72	GONDOLA	-88 KIPS	-92 KIPS	0.23
HELPERS	188.585				80/	0/	73	GONDOLA	-82 KIPS	2 KIPS	0.28
	188.577				80/	0/	73	GM108	-82 KIPS	2 KIPS	0.28
	188.577				80/	0/	73	GM108	-82 KIPS	2 KIPS	0.28
	188.577				80/	0/	73	GM108	-82 KIPS	2 KIPS	0.28
-----> TRAIN ENTERING 4.00 DEGREE CURVE											
O:22:30	189.190	0	21	RUN 6	608	REL REL	1	SD40	0 KIPS	40 KIPS	0.18
	189.177				80/	0/	2	SD40	40 KIPS	81 KIPS	0.18
	189.177				80/	0/	3	GONDOLA	81 KIPS	79 KIPS	0.12
	188.165				80/	0/	28	GONDOLA	28 KIPS	28 KIPS	0.10
HELPERS	188.975				80/	0/	49	GONDOLA	-28 KIPS	-31 KIPS	0.11
	188.817				80/	0/	72	GONDOLA	-88 KIPS	-91 KIPS	0.24
	188.642				80/	0/	73	GONDOLA	-88 KIPS	14 KIPS	0.25
	188.635				80/	0/	73	GM108	-81 KIPS	14 KIPS	0.25

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	IND	PIPE	CYL	BRAKES SETTING	REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRANBAR FORCES FORE	AFT	L/V RATIO
0:22:40	189.248	0	21 RUN 6	604	REL	REL	80#	0#	0#	-91:73 .25:73	1	SD40	0 KIPS	40 KIPS	0.12
	189.236						80#	0#	0#		2	SD40	40 KIPS	80 KIPS	0.14
	189.223						80#	0#	0#		3	GONDOLA	80 KIPS	77 KIPS	0.10
	189.034						80#	0#	0#		28	GONDOLA	27 KIPS	25 KIPS	0.10
	188.875						80#	0#	0#		48	GONDOLA	-32 KIPS	-35 KIPS	0.11
	188.701						80#	0#	0#		72	GONDOLA	-89 KIPS	-91 KIPS	0.23
	188.693						80#	0#	0#		73	GM10B	-81 KIPS	2 KIPS	0.25
-----> TRAIN ENTERING 1.07 % GRADE															
0:22:50	189.307	0	21 RUN 6	601	REL	REL	80#	0#	0#	-91:73 .25:73	1	SD40	0 KIPS	39 KIPS	0.12
	189.294						80#	0#	0#		2	SD40	39 KIPS	78 KIPS	0.14
	189.282						80#	0#	0#		3	GONDOLA	78 KIPS	76 KIPS	0.10
	189.093						80#	0#	0#		28	GONDOLA	20 KIPS	18 KIPS	0.00
	188.934						80#	0#	0#		49	GONDOLA	-32 KIPS	-34 KIPS	0.11
	188.759						80#	0#	0#		72	GONDOLA	-89 KIPS	-91 KIPS	0.23
	188.752						80#	0#	0#		73	GM10B	-91 KIPS	13 KIPS	0.25
	189.388						80#	0#	0#		1	SD40	0 KIPS	38 KIPS	0.12
	189.353						80#	0#	0#		2	SD40	38 KIPS	78 KIPS	0.14
	189.341						80#	0#	0#		3	GONDOLA	78 KIPS	73 KIPS	0.10
	189.151						80#	0#	0#		28	GONDOLA	19 KIPS	17 KIPS	0.09
	188.982						80#	0#	0#		49	GONDOLA	-38 KIPS	-38 KIPS	0.11
	188.818						80#	0#	0#		72	GONDOLA	-89 KIPS	-91 KIPS	0.23
	188.811						80#	0#	0#		73	GM10B	-91 KIPS	2 KIPS	0.25
0:23:10	189.424	0	21 RUN 6	1185	REL	REL	80#	0#	0#	-92:73 .25:73	1	SD40	0 KIPS	38 KIPS	0.12
	189.412						80#	0#	0#		2	SD40	38 KIPS	78 KIPS	0.14
	189.400						80#	0#	0#		3	GONDOLA	78 KIPS	73 KIPS	0.10
	189.210						80#	0#	0#		28	GONDOLA	9 KIPS	10 KIPS	0.09
	189.051						80#	0#	0#		49	GONDOLA	-40 KIPS	-42 KIPS	0.08
	188.877						80#	0#	0#		72	GONDOLA	-89 KIPS	-92 KIPS	0.23
	188.869						80#	0#	0#		73	GM10B	-92 KIPS	13 KIPS	0.25
0:23:20	189.483	0	21 RUN 6	606	REL	REL	80#	0#	0#	-92:73 .25:73	1	SD40	0 KIPS	38 KIPS	0.12
	189.471						80#	0#	0#		2	SD40	39 KIPS	78 KIPS	0.14
	189.458						80#	0#	0#		3	GONDOLA	78 KIPS	78 KIPS	0.10
	189.288						80#	0#	0#		28	GONDOLA	7 KIPS	8 KIPS	0.08
	189.110						80#	0#	0#		49	GONDOLA	-44 KIPS	-46 KIPS	0.08
	188.936						80#	0#	0#		72	GONDOLA	-89 KIPS	-92 KIPS	0.23
	188.928						80#	0#	0#		73	GM10B	-92 KIPS	13 KIPS	0.25
-----> TRAIN ENTERING 0.00 DEGREE CURVE															
0:23:30	189.541	0	21 RUN 6	607	REL	REL	80#	0#	0#	-92:73 .26:73	1	SD40	0 KIPS	39 KIPS	0.12
	189.529						80#	0#	0#		2	SD40	39 KIPS	78 KIPS	0.15
	189.516						80#	0#	0#		3	GONDOLA	78 KIPS	75 KIPS	0.13
	189.327						80#	0#	0#		28	GONDOLA	-17 KIPS	-17 KIPS	0.09
	189.168						80#	0#	0#		49	GONDOLA	-52 KIPS	-54 KIPS	0.16
	188.994						80#	0#	0#		72	GONDOLA	-91 KIPS	-92 KIPS	0.24
	188.986						80#	0#	0#		73	GM10B	-92 KIPS	12 KIPS	0.26

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STATION TIME	SPEED MP	THRTLE LMT RUN	AMPS SETTLING	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
0:23:40	189.599	0	21	RUN 6	616	REL REL	80/ 0/	SD40	0 KIPS	41 KIPS	0.01
	189.588						80/ 0/	SD40	81 KIPS	81 KIPS	0.18
	189.574						80/ 0/	GONDOLA	81 KIPS	78 KIPS	0.10
	189.385						80/ 0/	GONDOLA	20 KIPS	20 KIPS	0.08
	189.225						80/ 0/	GONDOLA	-51 KIPS	-53 KIPS	0.14
	189.081						80/ 0/	GONDOLA	-81 KIPS	-83 KIPS	0.18
HELPERS	189.044						80/ 0/	GM108	-83 KIPS	12 KIPS	0.13
-----> TRAIN ENTERING 4.00 DEGREE CURVE											
0:23:50	189.655	0	20	RUN 6	823	REL REL	80/ 0/	SD40	0 KIPS	41 KIPS	0.12
	189.643						80/ 0/	SD40	41 KIPS	82 KIPS	0.02
	189.631						80/ 0/	GONDOLA	82 KIPS	78 KIPS	0.00
	189.441						80/ 0/	GONDOLA	12 KIPS	10 KIPS	0.08
	189.282						80/ 0/	GONDOLA	-51 KIPS	-53 KIPS	0.14
	189.108						80/ 0/	GONDOLA	-82 KIPS	-84 KIPS	0.18
HELPERS	189.100						80/ 0/	GM108	-84 KIPS	11 KIPS	0.13
0:24:0	189.711	0	20	RUN 6	1195	REL REL	80/ 0/	SD40	0 KIPS	42 KIPS	0.14
	189.698						80/ 0/	SD40	42 KIPS	84 KIPS	0.18
	189.686						80/ 0/	GONDOLA	84 KIPS	81 KIPS	0.18
	189.497						80/ 0/	GONDOLA	24 KIPS	21 KIPS	0.10
	189.338						80/ 0/	GONDOLA	-47 KIPS	-50 KIPS	0.13
	189.164						80/ 0/	GONDOLA	-82 KIPS	-83 KIPS	0.24
HELPERS	189.156						80/ 0/	GM108	-83 KIPS	11 KIPS	0.15
0:24:10	189.786	0	19	RUN 6	1197	REL REL	80/ 0/	SD40	0 KIPS	43 KIPS	0.12
	189.783						80/ 0/	SD40	43 KIPS	86 KIPS	0.14
	189.741						80/ 0/	GONDOLA	86 KIPS	83 KIPS	0.10
	189.592						80/ 0/	GONDOLA	22 KIPS	18 KIPS	0.10
	189.392						80/ 0/	GONDOLA	-41 KIPS	-44 KIPS	0.12
	189.218						80/ 0/	GONDOLA	-82 KIPS	-84 KIPS	0.22
HELPERS	189.211						80/ 0/	GM108	-84 KIPS	11 KIPS	0.15
0:24:20	189.819	0	19	RUN 6	1200	REL REL	80/ 0/	SD40	0 KIPS	45 KIPS	0.13
	189.808						80/ 0/	SD40	45 KIPS	90 KIPS	0.14
	189.794						80/ 0/	GONDOLA	90 KIPS	88 KIPS	0.10
	189.608						80/ 0/	GONDOLA	30 KIPS	28 KIPS	0.00
	189.445						80/ 0/	GONDOLA	-34 KIPS	-37 KIPS	0.11
	189.271						80/ 0/	GONDOLA	-82 KIPS	-84 KIPS	0.22
HELPERS	189.264						80/ 0/	GM108	-84 KIPS	12 KIPS	0.15
0:24:30	189.870	0	18	RUN 6	1201	REL REL	80/ 0/	SD40	0 KIPS	46 KIPS	0.13
	189.858						80/ 0/	SD40	46 KIPS	93 KIPS	0.18
	189.848						80/ 0/	GONDOLA	93 KIPS	90 KIPS	0.10
	189.656						80/ 0/	GONDOLA	25 KIPS	23 KIPS	0.10
	189.497						80/ 0/	GONDOLA	-30 KIPS	-32 KIPS	0.11
	189.323						80/ 0/	GONDOLA	-81 KIPS	-84 KIPS	0.22
HELPERS	189.315						80/ 0/	GM108	-84 KIPS	13 KIPS	0.15

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND PIPE	PRESSURE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRANBAR FORCES		L/V RATIO
											FORE	AFT	
0:24:40	189.920	0	18	RUN	6	705	REL	96:3 .22:72	1	SD40	0 KIPS	48 KIPS	0.13
	189.908								2	SD40	48 KIPS	96 KIPS	0.15
	189.896								3	GONDOLA	96 KIPS	93 KIPS	0.10
	189.706								28	GONDOLA	28 KIPS	26 KIPS	0.10
	189.547								49	GONDOLA	-27 KIPS	-29 KIPS	0.11
	189.373								72	GONDOLA	-90 KIPS	-92 KIPS	0.22
	189.385								73	GM108	-92 KIPS	2 KIPS	0.15
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0:24:50	189.969	0	17	RUN	6	722	REL	99:3 .22:72	1	SD40	0 KIPS	50 KIPS	0.13
	189.957								2	SD40	50 KIPS	99 KIPS	0.15
	189.945								3	GONDOLA	99 KIPS	97 KIPS	0.12
	189.785								28	GONDOLA	29 KIPS	27 KIPS	0.10
	189.596								49	GONDOLA	-30 KIPS	-32 KIPS	0.04
	189.422								72	GONDOLA	-80 KIPS	-83 KIPS	0.22
	189.414								73	GM108	-93 KIPS	3 KIPS	0.15
-----> TRAIN ENTERING 4.00 DEGREE CURVE													
0:25:0	190.017	0	17	RUN	6	736	REL	102:3 .22:72	1	SD40	0 KIPS	51 KIPS	0.15
	190.005								2	SD40	51 KIPS	102 KIPS	0.08
	189.993								3	GONDOLA	102 KIPS	100 KIPS	0.00
	189.803								28	GONDOLA	36 KIPS	33 KIPS	0.10
	189.644								49	GONDOLA	-30 KIPS	-33 KIPS	0.04
	189.470								72	GONDOLA	-90 KIPS	-83 KIPS	0.22
	189.462								73	GM108	-93 KIPS	14 KIPS	0.15
0:25:10	190.064	0	17	RUN	6	752	REL	103:3 .21:72	1	SD40	0 KIPS	52 KIPS	0.17
	190.052								2	SD40	52 KIPS	103 KIPS	0.21
	190.040								3	GONDOLA	103 KIPS	100 KIPS	0.21
	189.850								28	GONDOLA	36 KIPS	33 KIPS	0.10
	189.691								49	GONDOLA	-31 KIPS	-34 KIPS	0.11
	189.517								72	GONDOLA	-90 KIPS	-93 KIPS	0.21
	189.508								73	GM108	-93 KIPS	3 KIPS	0.15
0:25:20	190.110	0	18	RUN	6	793	REL	106:3 .20:72	1	SD40	0 KIPS	53 KIPS	0.12
	190.098								2	SD40	53 KIPS	106 KIPS	0.15
	190.086								3	GONDOLA	106 KIPS	103 KIPS	0.10
	189.898								28	GONDOLA	38 KIPS	35 KIPS	0.10
	189.737								49	GONDOLA	-31 KIPS	-34 KIPS	0.11
	189.563								72	GONDOLA	-91 KIPS	-94 KIPS	0.20
	189.555								73	GM108	-94 KIPS	13 KIPS	0.15
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0:25:30	190.155	0	18	RUN	6	778	REL	109:3 .19:2	1	SD40	0 KIPS	54 KIPS	0.13
	190.143								2	SD40	54 KIPS	109 KIPS	0.18
	190.131								3	GONDOLA	109 KIPS	106 KIPS	0.14
	189.941								28	GONDOLA	40 KIPS	37 KIPS	0.10
	189.782								49	GONDOLA	-26 KIPS	-29 KIPS	0.11
	189.608								72	GONDOLA	-91 KIPS	-94 KIPS	0.15
	189.600								73	GM108	-94 KIPS	3 KIPS	0.13
-----> TRAIN ENTERING 0.00 DEGREE CURVE													
0:25:40	189.800	0	18	RUN	6	1212	REL		1	SD40	0 KIPS	54 KIPS	0.13
	189.788								2	SD40	54 KIPS	109 KIPS	0.18
	189.776								3	GONDOLA	109 KIPS	106 KIPS	0.14
	189.764								28	GONDOLA	40 KIPS	37 KIPS	0.10
	189.752								49	GONDOLA	-26 KIPS	-29 KIPS	0.11
	189.608								72	GONDOLA	-91 KIPS	-94 KIPS	0.15
	189.600								73	GM108	-94 KIPS	3 KIPS	0.13

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STATION TIME	MP	SPEED LIMIT	THTLT RUN	AMPS REL	SETTING REL	BRAKES TIN IND PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES FORE	AFT	
0:25:40	190.200	0	16	RUN	6	788	REL REL	80/ 0/ 111:3 .20:72	1	SD40	0 KIPS	88 KIPS	0.00
	190.187							80/ 0/	2	SD40	88 KIPS	111 KIPS	0.02
	190.175							80/ 0/	3	GONDOLA	111 KIPS	108 KIPS	0.11
	188.986							80/ 0/	28	GONDOLA	40 KIPS	38 KIPS	0.00
	188.827							80/ 0/	48	GONDOLA	-28 KIPS	-28 KIPS	0.11
	189.652							80/ 0/	72	GONDOLA	-84 KIPS	-84 KIPS	0.20
	188.645							80/ 0/	73	GONDOLA	-81 KIPS	13 KIPS	0.13
HELPERS	190.243	0	16	RUN	6	802	REL REL	80/ 0/ 113:3 .24:73	1	SD40	0 KIPS	87 KIPS	0.00
	190.231							80/ 0/	2	SD40	87 KIPS	113 KIPS	0.00
	190.219							80/ 0/	3	GONDOLA	113 KIPS	111 KIPS	0.00
	190.029							80/ 0/	28	GONDOLA	43 KIPS	41 KIPS	0.10
	188.870							80/ 0/	48	GONDOLA	-18 KIPS	-22 KIPS	0.11
	188.698							80/ 0/	72	GONDOLA	-80 KIPS	-83 KIPS	0.24
HELPERS	188.689	0	18	RUN	6	1214	REL REL	80/ 0/ 114:3 .24:73	1	GM108	-83 KIPS	3 KIPS	0.24
	190.287							80/ 0/	2	SD40	0 KIPS	87 KIPS	0.00
	190.274							80/ 0/	3	SD40	87 KIPS	114 KIPS	0.00
	190.262							80/ 0/	28	GONDOLA	114 KIPS	112 KIPS	0.00
	190.073							80/ 0/	48	GONDOLA	44 KIPS	41 KIPS	0.10
	189.813							80/ 0/	72	GONDOLA	-21 KIPS	-24 KIPS	0.11
	189.739							80/ 0/	73	GONDOLA	-80 KIPS	-83 KIPS	0.24
HELPERS	189.732	0	15	RUN	6	813	REL REL	80/ 0/ 115:3 .24:73	1	SD40	0 KIPS	87 KIPS	0.00
PS L. JEAN.	190.300							80/ 0/	2	SD40	87 KIPS	115 KIPS	0.00
	190.288							80/ 0/	3	GONDOLA	115 KIPS	112 KIPS	0.00
	190.275							80/ 0/	28	GONDOLA	48 KIPS	42 KIPS	0.10
	190.086							80/ 0/	48	GONDOLA	-17 KIPS	-20 KIPS	0.11
	189.827							80/ 0/	72	GONDOLA	-88 KIPS	-81 KIPS	0.24
	189.753							80/ 0/	73	GM108	-81 KIPS	0 KIPS	0.24
HELPERS	189.745	0	15	RUN	6	1215	REL REL	80/ 0/ 123:3 .24:73	1	SD40	0 KIPS	82 KIPS	0.00
-----> TRAIN ENTERING 0.00 % GRADE	190.325							80/ 0/	2	SD40	82 KIPS	123 KIPS	0.00
	190.317							80/ 0/	3	GONDOLA	123 KIPS	120 KIPS	0.00
	190.305							80/ 0/	28	GONDOLA	51 KIPS	48 KIPS	0.10
	190.115							80/ 0/	48	GONDOLA	-17 KIPS	-20 KIPS	0.11
	189.886							80/ 0/	72	GONDOLA	-80 KIPS	-83 KIPS	0.24
	189.782							80/ 0/	73	GONDOLA	-83 KIPS	3 KIPS	0.24
HELPERS	189.774	0	15	RUN	6	812	REL REL	80/ 0/ 123:3 .24:73	1	SD40	0 KIPS	82 KIPS	0.00
	190.372							80/ 0/	2	SD40	82 KIPS	123 KIPS	0.00
	190.359							80/ 0/	3	GONDOLA	123 KIPS	123 KIPS	0.00
	190.347							80/ 0/	28	GONDOLA	62 KIPS	59 KIPS	0.11
	190.158							80/ 0/	48	GONDOLA	-18 KIPS	-20 KIPS	0.02
	188.999							80/ 0/	72	GONDOLA	-80 KIPS	-83 KIPS	0.24
	188.824							80/ 0/	73	GM108	-83 KIPS	13 KIPS	0.24
HELPERS	188.817	0	15	RUN	6	1215	REL REL	80/ 0/					

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN	BRAKES		SETTING REL	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
					IND	PIPE						DRAWBAR FORCES FORE	AFT		
0:28:30	190.415	0	16	RUN	8	80#	0#	REL	122:3	.24:73	1	SD40	0 KIPS	81 KIPS	0.00
	190.402					80#	0#				2	SD40	61 KIPS	122 KIPS	0.00
	190.390					80#	0#				3	GONDOLA	122 KIPS	122 KIPS	0.00
	190.201					80#	0#				28	GONDOLA	68 KIPS	65 KIPS	0.00
	190.042					80#	0#				48	GONDOLA	-8 KIPS	-11 KIPS	0.10
HELPERS 0:28:40	189.867					80#	0#				72	GONDOLA	-89 KIPS	-92 KIPS	0.24
	189.860					80#	0#				73	GM108	-92 KIPS	15 KIPS	0.24
	190.459	0	16	RUN	8	1214	REL	REL	119:3	.24:73	1	SD40	0 KIPS	59 KIPS	0.00
	190.446					80#	0#				2	SD40	59 KIPS	119 KIPS	0.00
	190.434					80#	0#				3	GONDOLA	119 KIPS	118 KIPS	0.00
0:28:50	190.245					80#	0#				28	GONDOLA	73 KIPS	69 KIPS	0.00
	190.086					80#	0#				48	GONDOLA	-11 KIPS	-14 KIPS	0.10
	193.911					80#	0#				72	GONDOLA	-89 KIPS	-93 KIPS	0.24
	189.904					80#	0#				73	GM108	-93 KIPS	3 KIPS	0.24
	190.504	0	17	RUN	8	1212	REL	REL	115:3	.25:73	1	SD40	0 KIPS	58 KIPS	0.00
HELPERS 0:27:0	190.492					80#	0#				2	SD40	58 KIPS	115 KIPS	0.00
	190.479					80#	0#				3	GONDOLA	115 KIPS	114 KIPS	0.00
	190.290					80#	0#				28	GONDOLA	86 KIPS	82 KIPS	0.00
	190.131					80#	0#				48	GONDOLA	14 KIPS	15 KIPS	0.10
	188.987					80#	0#				72	GONDOLA	-88 KIPS	-92 KIPS	0.24
HELPERS 0:27:10	188.949					80#	0#				73	GM108	-92 KIPS	16 KIPS	0.25
	190.551	0	17	RUN	8	1210	REL	REL	111:3	.19:71	1	SD40	0 KIPS	55 KIPS	0.00
	190.538					80#	0#				2	SD40	55 KIPS	111 KIPS	0.00
	190.526					80#	0#				3	GONDOLA	111 KIPS	110 KIPS	0.00
	190.337					80#	0#				28	GONDOLA	88 KIPS	83 KIPS	0.00
HELPERS 0:27:20	190.178					80#	0#				48	GONDOLA	12 KIPS	-10 KIPS	0.10
	190.004					80#	0#				72	GONDOLA	-89 KIPS	-92 KIPS	0.14
	189.996					80#	0#				73	GM108	-92 KIPS	4 KIPS	0.12
	190.600	0	18	RUN	8	1208	REL	REL	104:3	.25:73	1	SD40	0 KIPS	52 KIPS	0.00
	190.588					80#	0#				2	SD40	52 KIPS	104 KIPS	0.00
HELPERS 0:27:30	190.578					80#	0#				3	GONDOLA	104 KIPS	103 KIPS	0.00
	190.366					80#	0#				28	GONDOLA	75 KIPS	74 KIPS	0.00
	190.227					80#	0#				48	GONDOLA	19 KIPS	18 KIPS	0.00
	190.053					80#	0#				72	GONDOLA	-88 KIPS	-92 KIPS	0.23
	190.045					80#	0#				73	GM108	-92 KIPS	17 KIPS	0.25
HELPERS 0:27:40	190.650	0	19	RUN	8	1204	REL	REL	98:3	.25:73	1	SD40	0 KIPS	49 KIPS	0.00
	190.638					80#	0#				2	SD40	49 KIPS	98 KIPS	0.00
	190.625					80#	0#				3	GONDOLA	98 KIPS	97 KIPS	0.00
	190.438					80#	0#				28	GONDOLA	65 KIPS	64 KIPS	0.00
	190.277					80#	0#				48	GONDOLA	18 KIPS	14 KIPS	0.00
HELPERS 0:27:50	190.103					80#	0#				72	GONDOLA	-88 KIPS	-91 KIPS	0.23
	190.095					80#	0#				73	GM108	-91 KIPS	16 KIPS	0.25
-----> RUN 3															

-----> RUN 3

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STATION TIME	SPEED LMT	THLE RUN	AMPS REL	SETTING REL	PRESSURE REL	BRAKES TRN	IND	PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
													DRAMBAR FORCES FORE	AFT		
0:27:20	190.852	0	19	RUN 3	836	REL	REL	80#	0#	92:3	.25:73	1	SD40	0 KIPS	48 KIPS	0.00
	190.840							80#	0#			2	SD40	46 KIPS	92 KIPS	0.00
	190.828							80#	0#			3	GONDOLA	92 KIPS	91 KIPS	0.00
	190.438							80#	0#			28	GONDOLA	57 KIPS	58 KIPS	0.00
	190.278							80#	0#			48	GONDOLA	20 KIPS	16 KIPS	0.00
	190.105							80#	0#			72	GONDOLA	-83 KIPS	-88 KIPS	0.22
HELPERS	190.097							80#	0#			73	GM108	-88 KIPS	17 KIPS	0.28
0:27:21	190.858	0	19	RUN 3	557	REL	REL	80#	0#	90:3	.23:73	1	SD40	0 KIPS	44 KIPS	0.00
	190.845							80#	0#			2	SD40	44 KIPS	90 KIPS	0.00
	190.833							80#	0#			3	GONDOLA	90 KIPS	88 KIPS	0.00
	190.444							80#	0#			28	GONDOLA	55 KIPS	54 KIPS	0.00
	190.284							80#	0#			48	GONDOLA	20 KIPS	16 KIPS	0.00
	190.110							80#	0#			72	GONDOLA	-80 KIPS	-88 KIPS	0.21
HELPERS	190.103							80#	0#			73	GM108	-85 KIPS	0 KIPS	0.23
0:27:22	190.863	0	19	RUN 3	432	REL	REL	80#	0#	80:3	.17:73	1	SD40	0 KIPS	38 KIPS	0.00
	190.851							80#	0#			2	SD40	38 KIPS	80 KIPS	0.00
	190.838							80#	0#			3	GONDOLA	80 KIPS	78 KIPS	0.00
	190.448							80#	0#			28	GONDOLA	48 KIPS	48 KIPS	0.00
	190.290							80#	0#			48	GONDOLA	20 KIPS	17 KIPS	0.00
	190.118							80#	0#			72	GONDOLA	-72 KIPS	-76 KIPS	0.18
HELPERS	190.108							80#	0#			73	GM108	-76 KIPS	3 KIPS	0.17
0:27:30	190.708	0	19	RUN 3	305	REL	REL	80#	0#	57:3	.15:73	1	SD40	0 KIPS	27 KIPS	0.00
	190.694							80#	0#			2	SD40	27 KIPS	57 KIPS	0.00
	190.681							80#	0#			3	GONDOLA	57 KIPS	56 KIPS	0.00
	190.482							80#	0#			28	GONDOLA	38 KIPS	37 KIPS	0.00
	190.333							80#	0#			48	GONDOLA	33 KIPS	33 KIPS	0.00
	190.159							80#	0#			72	GONDOLA	-55 KIPS	-55 KIPS	0.13
HELPERS	190.151							80#	0#			73	GM108	-55 KIPS	16 KIPS	0.18
0:27:40	190.760	0	20	RUN 3	577	REL	REL	80#	0#	-40:73	.06:72	1	SD40	0 KIPS	18 KIPS	0.00
	190.748							80#	0#			2	SD40	18 KIPS	38 KIPS	0.00
	190.735							80#	0#			3	GONDOLA	38 KIPS	38 KIPS	0.00
	190.548							80#	0#			28	GONDOLA	35 KIPS	35 KIPS	0.00
	190.387							80#	0#			48	GONDOLA	32 KIPS	32 KIPS	0.00
	190.213							80#	0#			72	GONDOLA	-37 KIPS	-40 KIPS	0.06
HELPERS	190.205							80#	0#			73	GM108	-40 KIPS	14 KIPS	0.06
0:27:47	190.800	0	20	RUN 3	301	REL	REL	80#	0#	-39:73	.06:72	1	SD40	0 KIPS	18 KIPS	0.00
	190.788							80#	0#			2	SD40	18 KIPS	37 KIPS	0.00
	190.775							80#	0#			3	GONDOLA	37 KIPS	36 KIPS	0.00
	190.588							80#	0#			28	GONDOLA	24 KIPS	23 KIPS	0.00
	190.427							80#	0#			48	GONDOLA	13 KIPS	12 KIPS	0.00
	190.253							80#	0#			72	GONDOLA	-38 KIPS	-38 KIPS	0.06
HELPERS	190.245							80#	0#			73	GM108	-38 KIPS	16 KIPS	0.06
-----> 12 POUND REDUCTION																
-----> RUN 1																
-----> CONTINUE UNTIL SPEED REACHES 5 M.P.H.																

-----> 12 POUND REDUCTION

-----> RUN 1

-----> CONTINUE UNTIL SPEED REACHES 5 M.P.H.

QCM D-70-E/O/ GM10B

STATION TIME	SPEED LMT RUN	THITLE AMP	BRAKES TRN IND PIPE CYL	SETTING REL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRABAR FORCES FORE	DRABAR FORCES AFT	
0:27:48	190.805	0	20	RUN 1	288	12# REL	80# 0#	SD40	0 KIPS	17 KIPS	0.00
	190.783						80# 0#	SD40	17 KIPS	35 KIPS	0.00
	190.781						80# 0#	GONDOLA	35 KIPS	34 KIPS	0.00
	190.591						80# 0#	GONDOLA	20 KIPS	19 KIPS	0.00
	190.432						80# 0#	GONDOLA	8 KIPS	7 KIPS	0.00
	190.258						80# 0#	GONDOLA	-31 KIPS	-35 KIPS	0.06
HELPERS	190.251						80# 0#	GM10B	-35 KIPS	1 KIPS	0.05
0:27:49	190.811	0	20	RUN 1	523	12# REL	80# 0#	SD40	0 KIPS	14 KIPS	0.00
	190.811						80# 0#	SD40	14 KIPS	31 KIPS	0.00
	190.788						80# 0#	SD40	31 KIPS	30 KIPS	0.00
	190.785						80# 0#	GONDOLA	16 KIPS	15 KIPS	0.00
	190.597						80# 0#	GONDOLA	5 KIPS	5 KIPS	0.00
	190.438						80# 0#	GONDOLA	-27 KIPS	-31 KIPS	0.04
	190.284						80# 0#	GONDOLA	-31 KIPS	0 KIPS	0.03
HELPERS	190.258						80# 0#	GM10B	0 KIPS	8 KIPS	0.00
0:27:50	190.815	0	20	RUN 1	382	12# REL	78# 7#	SD40	8 KIPS	18 KIPS	0.00
	190.802						78# 4#	SD40	18 KIPS	18 KIPS	0.00
	190.790						78# 2#	GONDOLA	8 KIPS	8 KIPS	0.00
	190.601						80# 0#	GONDOLA	3 KIPS	2 KIPS	0.00
	190.442						80# 0#	GONDOLA	-17 KIPS	-20 KIPS	0.03
	190.267						78# 4#	GONDOLA	-20 KIPS	1 KIPS	0.02
HELPERS	190.260						78# 7#	GM10B	0 KIPS	4 KIPS	0.00
0:27:51	190.820	0	20	RUN 1	308	12# REL	74# 10#	SD40	4 KIPS	8 KIPS	0.00
	190.808						76# 8#	SD40	4 KIPS	8 KIPS	0.00
	190.798						78# 4#	GONDOLA	9 KIPS	8 KIPS	0.00
	190.608						78# 2#	GONDOLA	4 KIPS	4 KIPS	0.00
	190.447						79# 2#	GONDOLA	1 KIPS	1 KIPS	0.00
	190.273						78# 8#	GONDOLA	-12 KIPS	-14 KIPS	0.02
HELPERS	190.268						74# 10#	GM10B	-14 KIPS	1 KIPS	0.01
0:27:52	190.828	0	20	RUN 1	249	12# REL	73# 13#	SD40	0 KIPS	0 KIPS	0.00
	190.813						74# 11#	SD40	0 KIPS	0 KIPS	0.00
	190.801						77# 7#	GONDOLA	0 KIPS	2 KIPS	0.00
	190.612						77# 5#	GONDOLA	1 KIPS	1 KIPS	0.00
	190.453						75# 9#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.278						75# 9#	GONDOLA	-7 KIPS	-8 KIPS	0.01
HELPERS	190.271						73# 13#	GM10B	-8 KIPS	1 KIPS	0.01
0:27:53	190.831	0	20	RUN 1	250	12# REL	72# 18#	SD40	0 KIPS	0 KIPS	0.00
	190.819						72# 14#	SD40	0 KIPS	0 KIPS	0.00
	190.807						75# 9#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.617						76# 7#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.458						76# 7#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.284						74# 11#	GONDOLA	-5 KIPS	-7 KIPS	0.01
HELPERS	190.276						72# 18#	GM10B	-7 KIPS	1 KIPS	0.01

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE CYL	BRAKES (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0:27:54	190.837	0	20	RUN	1	103	12# REL	71# 18#	SD40	0 KIPS	-16 KIPS	0.00
	190.824							71# 17#	SD40	-16 KIPS	-27 KIPS	0.00
	190.812							74# 11#	GONDOLA	-27 KIPS	-34 KIPS	0.00
	190.823							75# 9#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.484							75# 9#	GONDOLA	0 KIPS	0 KIPS	0.00
HELPERS 0:27:55	190.289							73# 13#	GONDOLA	-4 KIPS	-8 KIPS	0.01
	190.282							71# 16#	GM108	-8 KIPS	-2 KIPS	0.00
	190.842	0	20	RUN	1	103	12# REL	70# 21#	SD40	0 KIPS	-2 KIPS	0.00
	190.830							70# 19#	SD40	-2 KIPS	-3 KIPS	0.00
	190.818							73# 13#	GONDOLA	-3 KIPS	-1 KIPS	0.00
HELPERS 0:27:56	190.628							74# 11#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.489							74# 11#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.295							72# 15#	GONDOLA	-3 KIPS	-8 KIPS	0.00
	190.287							70# 21#	GM108	-8 KIPS	-2 KIPS	0.00
	190.848	0	20	RUN	1	103	12# REL	69# 23#	SD40	0 KIPS	-13 KIPS	0.01
HELPERS 0:27:57	190.835							70# 22#	SD40	-13 KIPS	-26 KIPS	0.01
	190.823							72# 14#	GONDOLA	-26 KIPS	-34 KIPS	0.01
	190.834							73# 13#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.473							73# 13#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.300							71# 18#	GONDOLA	-4 KIPS	-4 KIPS	0.01
HELPERS 0:27:58	190.293	0	19	RUN	1	104	12# REL	69# 23#	GM108	0 KIPS	-4 KIPS	0.00
	190.853							69# 24#	SD40	-4 KIPS	-7 KIPS	0.02
	190.841							72# 18#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.828							72# 14#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.838							72# 15#	GONDOLA	0 KIPS	0 KIPS	0.00
HELPERS 0:27:59	190.308	0	19	RUN	1	104	12# REL	69# 25#	GM108	24 KIPS	0 KIPS	0.00
	190.298							69# 25#	SD40	0 KIPS	32 KIPS	0.00
	190.858							69# 27#	SD40	-11 KIPS	-21 KIPS	0.01
	190.848							69# 28#	SD40	-21 KIPS	-28 KIPS	0.02
	190.834							71# 18#	GONDOLA	0 KIPS	0 KIPS	0.00
HELPERS 0:27:59	190.844							72# 18#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.485							71# 18#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.311							70# 20#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.303	0	19	RUN	1	104	12# REL	69# 27#	GM108	31 KIPS	0 KIPS	0.00
	190.864							69# 28#	SD40	-9 KIPS	-17 KIPS	0.01
HELPERS 0:27:59	190.851							69# 28#	SD40	-17 KIPS	-23 KIPS	0.03
	190.838							70# 18#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.850							71# 17#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.491							71# 18#	GONDOLA	0 KIPS	0 KIPS	0.00
	190.316							70# 22#	GONDOLA	33 KIPS	37 KIPS	0.00
HELPERS	190.309							69# 28#	GM108	37 KIPS	2 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES	
											FORWARD FORCES	REAR FORCES
O:28: 0	190.809	0	19	1	105	12#	REL	-72:16 .03:2	1	SD40	0 KIPS	-6 KIPS
	190.857								2	SD40	-6 KIPS	-12 KIPS
	190.844								3	GONDOLA	-12 KIPS	-11 KIPS
	190.855								28	GONDOLA	0 KIPS	0 KIPS
	190.498								49	GONDOLA	0 KIPS	0 KIPS
HELPERS O:28: 1	190.322								72	GONDOLA	0 KIPS	0 KIPS
	190.314								73	GM108	0 KIPS	0 KIPS
	190.874	0	19	1	105	12#	REL	-71:17 .03:2	1	SD40	0 KIPS	-6 KIPS
	190.862								2	SD40	-6 KIPS	-12 KIPS
	190.850								3	GONDOLA	-12 KIPS	-11 KIPS
HELPERS O:28: 2	190.860								28	GONDOLA	0 KIPS	0 KIPS
	190.501								49	GONDOLA	0 KIPS	0 KIPS
	190.327								72	GONDOLA	0 KIPS	-24 KIPS
	190.319								73	GM108	0 KIPS	0 KIPS
	190.879	0	18	1	105	12#	REL	-73:20 .03:2	1	SD40	0 KIPS	-8 KIPS
HELPERS O:28: 3	190.887								2	SD40	-8 KIPS	-12 KIPS
	190.855								3	GONDOLA	-12 KIPS	-12 KIPS
	190.685								28	GONDOLA	0 KIPS	0 KIPS
	190.508								49	GONDOLA	0 KIPS	0 KIPS
	190.332								72	GONDOLA	-31 KIPS	-18 KIPS
HELPERS O:28: 4	190.324								73	GM108	-19 KIPS	0 KIPS
	190.884	0	18	1	106	12#	REL	-73:22 .03:2	1	SD40	0 KIPS	-6 KIPS
	190.872								2	SD40	-6 KIPS	-12 KIPS
	190.860								3	GONDOLA	-12 KIPS	-12 KIPS
	190.670								28	GONDOLA	0 KIPS	0 KIPS
HELPERS O:28: 5	190.511								49	GONDOLA	0 KIPS	0 KIPS
	190.337								72	GONDOLA	0 KIPS	0 KIPS
	190.329								73	GM108	-8 KIPS	31 KIPS
	190.889	0	18	1	106	12#	REL	-73:25 .03:2	1	SD40	0 KIPS	-8 KIPS
	190.877								2	SD40	-8 KIPS	-12 KIPS
HELPERS O:28: 6	190.865								3	GONDOLA	-12 KIPS	-12 KIPS
	190.675								28	GONDOLA	0 KIPS	0 KIPS
	190.518								49	GONDOLA	0 KIPS	0 KIPS
	190.342								72	GONDOLA	0 KIPS	-2 KIPS
	190.334								73	GM108	-2 KIPS	31 KIPS
HELPERS O:28: 7	190.894	0	18	1	107	12#	REL	-73:28 .03:2	1	SD40	0 KIPS	-6 KIPS
	190.882								2	SD40	-6 KIPS	-12 KIPS
	190.870								3	GONDOLA	-12 KIPS	-12 KIPS
	190.680								28	GONDOLA	-73 KIPS	0 KIPS
	190.521								49	GONDOLA	0 KIPS	0 KIPS
HELPERS O:28: 8	190.347								72	GONDOLA	-24 KIPS	-29 KIPS
	190.338								73	GM108	-29 KIPS	15 KIPS

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING 12#	PRESSURE REL	BRAKES TRN 12#	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	FORCES AFT	
0:28: 6	190.899	0	18	RUN	1	107	12# REL	-74:30 .03:2	1	SD40	0 KIPS	-8 KIPS	0.02
	190.887								2	SD40	-8 KIPS	-12 KIPS	0.03
	190.875								3	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.885								28	GONDOLA	-66 KIPS	-73 KIPS	0.00
	190.828								48	GONDOLA	0 KIPS	0 KIPS	0.00
HELPERS 0:28: 7	190.352								72	GONDOLA	0 KIPS	-6 KIPS	0.00
	190.344								73	GM108	-8 KIPS	2 KIPS	0.00
	190.904	0	17	RUN	1	251	12# REL	32:74 .03:2	1	SD40	0 KIPS	-8 KIPS	0.02
	190.892								2	SD40	-8 KIPS	-12 KIPS	0.03
	190.878								3	GONDOLA	-12 KIPS	-2 KIPS	0.02
HELPERS 0:28: 8	190.890								28	GONDOLA	0 KIPS	0 KIPS	0.00
	190.831								48	GONDOLA	-32 KIPS	0 KIPS	0.00
	190.357								73	GM108	0 KIPS	32 KIPS	0.00
	190.349								1	SD40	0 KIPS	-8 KIPS	0.02
	190.808	0	17	RUN	1	251	12# REL	-72:35 .03:2	2	SD40	-8 KIPS	-12 KIPS	0.03
HELPERS 0:28: 9	190.887								3	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.884								28	GONDOLA	-36 KIPS	-43 KIPS	0.00
	190.695								48	GONDOLA	0 KIPS	0 KIPS	0.00
	190.538								72	GONDOLA	-36 KIPS	-36 KIPS	0.00
	190.352								73	GM108	0 KIPS	32 KIPS	0.00
HELPERS 0:28: 9	190.354								1	SD40	0 KIPS	-8 KIPS	0.02
	190.814	0	17	RUN	1	108	12# REL	-71:37 .03:2	2	SD40	-8 KIPS	-12 KIPS	0.03
	190.801								3	GONDOLA	-12 KIPS	-14 KIPS	0.02
	190.888								48	GONDOLA	0 KIPS	0 KIPS	0.00
	190.700								72	GONDOLA	-33 KIPS	-20 KIPS	0.00
HELPERS 0:28: 10	190.540								73	GM108	-20 KIPS	32 KIPS	0.00
	190.368								1	SD40	0 KIPS	-8 KIPS	0.02
	190.918	0	17	RUN	1	251	12# REL	-68:40 .03:2	2	SD40	-8 KIPS	-12 KIPS	0.03
	190.806								3	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.894								28	GONDOLA	-6 KIPS	-12 KIPS	0.03
HELPERS 0:28: 11	190.704								48	GONDOLA	-12 KIPS	-8 KIPS	0.00
	190.545								72	GONDOLA	0 KIPS	0 KIPS	0.00
	190.371								73	GM108	0 KIPS	32 KIPS	0.00
	190.923	0	16	RUN	1	110	12# REL	-62:50 .03:2	1	SD40	0 KIPS	-8 KIPS	0.02
	190.810								2	SD40	-8 KIPS	-12 KIPS	0.03
HELPERS 0:28: 11	190.898								3	GONDOLA	-12 KIPS	-12 KIPS	0.03
	190.709								28	GONDOLA	-6 KIPS	-8 KIPS	0.00
	190.850								48	GONDOLA	-81 KIPS	-62 KIPS	0.00
	190.375								72	GONDOLA	-38 KIPS	-4 KIPS	0.00
	190.368								73	GM108	-4 KIPS	32 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:28:12	190.927	0	16	RUN	1	110	12# REL	68# 28#	1	SD40	0 KIPS	-6 KIPS	0.02
	190.915							68# 28#	2	SD40	-6 KIPS	-12 KIPS	0.03
	190.903							68# 28#	3	GONDOLA	-12 KIPS	-12 KIPS	0.03
	190.713							68# 28#	28	GONDOLA	-6 KIPS	-6 KIPS	0.00
	190.554							68# 28#	49	GONDOLA	-49 KIPS	-55 KIPS	0.00
	190.380							68# 28#	72	GONDOLA	-1 KIPS	-18 KIPS	0.00
HELPERS	190.372							68# 28#	73	GM10B	-18 KIPS	31 KIPS	0.00
0:28:13	190.932	0	16	RUN	1	111	12# REL	68# 28#	1	SD40	0 KIPS	-6 KIPS	0.02
	190.919							68# 28#	2	SD40	-6 KIPS	-12 KIPS	0.03
	190.907							68# 28#	3	GONDOLA	-12 KIPS	-12 KIPS	0.03
	190.718							68# 28#	28	GONDOLA	-6 KIPS	-6 KIPS	0.00
	190.559							68# 28#	48	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.384							68# 28#	72	GONDOLA	0 KIPS	-6 KIPS	0.00
HELPERS	190.377							68# 28#	73	GM10B	-6 KIPS	32 KIPS	0.00
0:28:14	190.938	0	16	RUN	1	112	12# REL	68# 28#	1	SD40	0 KIPS	-6 KIPS	0.02
	190.924							68# 28#	2	SD40	-6 KIPS	-12 KIPS	0.03
	190.911							68# 28#	3	GONDOLA	-12 KIPS	-12 KIPS	0.03
	190.722							68# 28#	28	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.563							68# 28#	49	GONDOLA	-31 KIPS	-37 KIPS	0.00
	190.388							68# 28#	72	GONDOLA	-43 KIPS	-34 KIPS	0.00
HELPERS	190.381							68# 28#	73	GM10B	-34 KIPS	21 KIPS	0.00
0:28:15	190.940	0	15	RUN	1	252	12# REL	68# 28#	1	SD40	0 KIPS	-6 KIPS	0.02
	190.928							68# 28#	2	SD40	-6 KIPS	-12 KIPS	0.03
	190.916							68# 28#	3	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.728							68# 28#	28	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.567							68# 28#	49	GONDOLA	-2 KIPS	-5 KIPS	0.00
	190.393							68# 28#	72	GONDOLA	-6 KIPS	-6 KIPS	0.00
HELPERS	190.385							68# 28#	73	GM10B	0 KIPS	32 KIPS	0.00
0:28:16	190.945	0	15	RUN	1	252	12# REL	68# 28#	1	SD40	0 KIPS	-6 KIPS	0.02
	190.932							68# 28#	2	SD40	-6 KIPS	-12 KIPS	0.03
	190.920							68# 28#	3	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.731							68# 28#	28	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.571							68# 28#	49	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.397							68# 28#	72	GONDOLA	-38 KIPS	0 KIPS	0.00
HELPERS	190.390							68# 28#	73	GM10B	0 KIPS	2 KIPS	0.00
0:28:17	190.949	0	15	RUN	1	252	12# REL	68# 28#	1	SD40	0 KIPS	-6 KIPS	0.02
	190.936							68# 28#	2	SD40	-6 KIPS	-12 KIPS	0.03
	190.924							68# 28#	3	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.735							68# 28#	28	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.576							68# 28#	49	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.401							68# 28#	72	GONDOLA	-29 KIPS	-23 KIPS	0.00
HELPERS	190.394							68# 28#	73	GM10B	-23 KIPS	32 KIPS	0.00

STATION TIME	SPEED LMT RUN	THYLE RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE KIPS	MAXIMUMS (AND LOCATION) L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES		L/V RATIO
										FORE	AFT	
0:28:18	190.953	0	15	RUN 1	114 12# REL	88# 28#	-60:86 .03:2	1	SD40	0 KIPS	-8 KIPS	0.02
	190.940					88# 28#		2	SD40	-8 KIPS	-12 KIPS	0.03
	190.928					88# 28#		3	GONDOOLA	-12 KIPS	-12 KIPS	0.02
	190.738					88# 28#		28	GONDOOLA	-7 KIPS	-7 KIPS	0.01
	190.580					88# 28#		48	GONDOOLA	-3 KIPS	-3 KIPS	0.00
	190.405					88# 28#		72	GONDOOLA	0 KIPS	-18 KIPS	0.00
	190.388					88# 28#		73	GM108	10 KIPS	10 KIPS	0.00
HELPERS	190.957	0	14	RUN 1	252 12# REL	88# 28#	-37:72 .03:2	1	SD40	0 KIPS	-8 KIPS	0.02
0:28:18	190.944					88# 28#		2	SD40	-8 KIPS	-12 KIPS	0.03
	190.932					88# 28#		3	GONDOOLA	-12 KIPS	-12 KIPS	0.02
	190.743					88# 28#		28	GONDOOLA	-7 KIPS	-7 KIPS	0.01
	190.584					88# 28#		48	GONDOOLA	-3 KIPS	-3 KIPS	0.00
	190.409					88# 28#		72	GONDOOLA	-37 KIPS	-23 KIPS	0.00
HELPERS	190.402					88# 28#		73	GM108	-23 KIPS	32 KIPS	0.00
0:28:20	190.961	0	14	RUN 1	252 12# REL	88# 28#	-41:72 .03:2	1	SD40	0 KIPS	-8 KIPS	0.02
	190.948					88# 28#		2	SD40	-8 KIPS	-12 KIPS	0.03
	190.936					88# 28#		3	GONDOOLA	-12 KIPS	-7 KIPS	0.01
	190.747					88# 28#		28	GONDOOLA	-3 KIPS	-3 KIPS	0.00
	190.588					88# 28#		48	GONDOOLA	-41 KIPS	-2 KIPS	0.00
	190.413					88# 28#		72	GONDOOLA	-2 KIPS	18 KIPS	0.00
HELPERS	190.408					88# 28#		73	GM108	0 KIPS	-8 KIPS	0.02
0:28:21	190.965	0	14	RUN 1	253 12# REL	88# 28#	-32:70 .03:2	1	SD40	-8 KIPS	-12 KIPS	0.03
	190.952					88# 28#		2	SD40	-12 KIPS	-12 KIPS	0.02
	190.940					88# 28#		3	GONDOOLA	-7 KIPS	-7 KIPS	0.01
	190.751					88# 28#		28	GONDOOLA	-3 KIPS	-3 KIPS	0.00
	190.591					88# 28#		48	GONDOOLA	-22 KIPS	-20 KIPS	0.00
	190.417					88# 28#		72	GONDOOLA	-20 KIPS	8 KIPS	0.00
HELPERS	190.410					88# 28#		73	GM108	0 KIPS	-8 KIPS	0.02
0:28:22	190.968	0	14	RUN 1	253 12# REL	88# 28#	-133:69 .03:2	1	SD40	-8 KIPS	-12 KIPS	0.03
	190.956					88# 28#		2	SD40	-12 KIPS	-12 KIPS	0.02
	190.944					88# 28#		3	GONDOOLA	-4 KIPS	-4 KIPS	0.01
	190.754					88# 28#		28	GONDOOLA	-83 KIPS	-40 KIPS	0.00
	190.595					88# 28#		48	GONDOOLA	-40 KIPS	3 KIPS	0.00
	190.421					88# 28#		72	GONDOOLA	0 KIPS	-8 KIPS	0.02
HELPERS	190.413					88# 28#		73	GM108	-8 KIPS	-12 KIPS	0.03
0:28:23	190.972	0	13	RUN 1	253 12# REL	88# 28#	-12:3 .03:2	1	SD40	-12 KIPS	-12 KIPS	0.02
	190.960					88# 28#		2	SD40	-4 KIPS	-4 KIPS	0.01
	190.847					88# 28#		3	GONDOOLA	-8 KIPS	-8 KIPS	0.00
	190.758					88# 28#		28	GONDOOLA	-12 KIPS	-12 KIPS	0.02
	190.599					88# 28#		48	GONDOOLA	-6 KIPS	-6 KIPS	0.01
	190.425					88# 28#		72	GONDOOLA	-3 KIPS	-3 KIPS	0.00
HELPERS	190.417					88# 28#		73	GM108	-3 KIPS	8 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN	PRESSURE IND PIPE CYL	BRAKES SETTING	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:28:24	190.978	0	13	RUN	1	120	12# REL	88# 28#	SD40	0 KIPS	-8 KIPS	0.02
	190.983							88# 28#	SD40	-8 KIPS	-12 KIPS	0.03
	190.981							88# 28#	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.762							88# 28#	GONDOLA	-9 KIPS	-9 KIPS	0.01
HELPERS 0:28:25	190.803							88# 28#	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.428							88# 28#	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.421							88# 28#	GM10B	-4 KIPS	-2 KIPS	0.00
	190.979	0	13	RUN	1	254	12# REL	88# 28#	SD40	0 KIPS	-6 KIPS	0.02
HELPERS 0:28:26	190.957							88# 28#	SD40	-6 KIPS	-12 KIPS	0.03
	190.955							88# 28#	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.785							88# 28#	GONDOLA	-8 KIPS	-8 KIPS	0.01
	190.806							88# 28#	GONDOLA	-7 KIPS	-7 KIPS	0.00
HELPERS 0:28:27	190.432							88# 28#	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.983	0	12	RUN	1	254	12# REL	88# 28#	GM10B	-4 KIPS	-2 KIPS	0.00
	190.970							88# 28#	SD40	0 KIPS	-8 KIPS	0.02
	190.958							88# 28#	SD40	-8 KIPS	-12 KIPS	0.03
HELPERS 0:28:28	190.789							88# 28#	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.610							88# 28#	GONDOLA	-9 KIPS	-9 KIPS	0.01
	190.435							88# 28#	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.928	0	12	RUN	1	254	12# REL	88# 28#	GM10B	-4 KIPS	-4 KIPS	0.00
HELPERS 0:28:29	190.986							88# 28#	SD40	0 KIPS	-6 KIPS	0.02
	190.974							88# 28#	SD40	-6 KIPS	-12 KIPS	0.03
	190.772							88# 28#	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.613							88# 28#	GONDOLA	-9 KIPS	-9 KIPS	0.01
HELPERS 0:28:30	190.439							88# 28#	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.989	0	12	RUN	1	254	12# REL	88# 28#	GM10B	-4 KIPS	-4 KIPS	0.00
	190.977							88# 28#	SD40	0 KIPS	-6 KIPS	0.01
	190.965							88# 28#	SD40	-6 KIPS	-11 KIPS	0.03
HELPERS 0:28:31	190.775							88# 28#	GONDOLA	-11 KIPS	-11 KIPS	0.02
	190.616							88# 28#	GONDOLA	-9 KIPS	-9 KIPS	0.01
	190.442							88# 28#	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.983	0	12	RUN	1	255	12# REL	88# 28#	GM10B	-4 KIPS	-4 KIPS	0.00
HELPERS 0:28:32	190.980							88# 28#	SD40	0 KIPS	-6 KIPS	0.01
	190.968							88# 28#	SD40	-6 KIPS	-11 KIPS	0.03
	190.779							88# 28#	GONDOLA	-11 KIPS	-11 KIPS	0.02
	190.620							88# 28#	GONDOLA	-9 KIPS	-9 KIPS	0.01
HELPERS 0:28:33	190.445							88# 28#	GONDOLA	-8 KIPS	-8 KIPS	0.00
	190.989							88# 28#	GM10B	-4 KIPS	-4 KIPS	0.00
	190.977							88# 28#	SD40	-4 KIPS	-4 KIPS	0.00
	190.965							88# 28#	SD40	-4 KIPS	-4 KIPS	0.00

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STATION TIME	MP	SPEED LAT RUN	THLTL RUN	AMPS SETTLING	BRAKES TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO			
										DRUMBAR FORCES FORE	AFT				
O:28:30	190.998	0	11	RUN 1	127	12#	REL	68# 28#	-11:3	.02:2	1	SD40	0 KIPS	-8 KIPS	0.01
	190.984							68# 28#			2	SD40	-6 KIPS	-11 KIPS	0.02
	190.971							68# 28#			3	GONDOLA	-11 KIPS	-11 KIPS	0.02
	190.782							68# 28#			28	GONDOLA	-8 KIPS	-8 KIPS	0.01
HELPERS	190.623							68# 28#			48	GONDOLA	-8 KIPS	-8 KIPS	0.00
	190.449							68# 28#			72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.441							68# 28#			73	GM108	-4 KIPS	-4 KIPS	0.00
	190.999	0	11	RUN 1	255	12#	REL	68# 28#	-11:3	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
O:28:31	190.987							68# 28#			2	SD40	-5 KIPS	-11 KIPS	0.02
	190.974							68# 28#			3	GONDOLA	-11 KIPS	-11 KIPS	0.02
	190.785							68# 28#			28	GONDOLA	-8 KIPS	-8 KIPS	0.01
	190.626							68# 28#			48	GONDOLA	-8 KIPS	-8 KIPS	0.01
HELPERS	190.452							68# 28#			72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.444							68# 28#			73	GM108	-4 KIPS	-4 KIPS	0.00
	191.000	0	11	RUN 1	255	12#	REL	68# 28#	-11:3	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.988							68# 28#			2	SD40	-5 KIPS	-11 KIPS	0.02
O:28:32	190.975							68# 28#			3	GONDOLA	-11 KIPS	-11 KIPS	0.02
	190.786							68# 28#			28	GONDOLA	-8 KIPS	-8 KIPS	0.01
	190.627							68# 28#			48	GONDOLA	-8 KIPS	-8 KIPS	0.00
	190.453							68# 28#			72	GONDOLA	-4 KIPS	-4 KIPS	0.00
HELPERS	190.445							68# 28#			73	GM108	-4 KIPS	-4 KIPS	0.00
	191.003	0	11	RUN 1	255	12#	REL	68# 28#	-11:3	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.991							68# 28#			2	SD40	-5 KIPS	-11 KIPS	0.02
	190.978							68# 28#			3	GONDOLA	-11 KIPS	-10 KIPS	0.02
O:28:33	190.789							68# 28#			28	GONDOLA	-8 KIPS	-8 KIPS	0.01
	190.630							68# 28#			48	GONDOLA	-8 KIPS	-8 KIPS	0.00
	190.456							68# 28#			72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.448							68# 28#			73	GM108	-4 KIPS	-4 KIPS	0.00
HELPERS	191.006	0	10	RUN 1	255	12#	REL	68# 28#	-10:3	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.994							68# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.981							68# 28#			3	GONDOLA	-10 KIPS	-10 KIPS	0.02
	190.782							68# 28#			28	GONDOLA	-8 KIPS	-8 KIPS	0.01
O:28:34	190.633							68# 28#			48	GONDOLA	-8 KIPS	-8 KIPS	0.00
	190.459							68# 28#			72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.451							68# 28#			73	GM108	-4 KIPS	-4 KIPS	0.00
	191.008	0	10	RUN 1	255	12#	REL	68# 28#	-10:3	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
HELPERS	190.998							68# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.984							68# 28#			3	GONDOLA	-10 KIPS	-10 KIPS	0.02
	190.785							68# 28#			28	GONDOLA	-8 KIPS	-8 KIPS	0.01
	190.636							68# 28#			48	GONDOLA	-8 KIPS	-8 KIPS	0.00
HELPERS	190.481							68# 28#			72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.454							68# 28#			73	GM108	-4 KIPS	-4 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO	
											DRUMBAR FORE	FORCES AFT		
0:28:35	181.012	0	10	RUN 1	136	12#	REL	88# 28#	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	180.989							88# 28#		2	SD40	-5 KIPS	-10 KIPS	0.02
	180.987							88# 28#		3	GONDOLA	-10 KIPS	-10 KIPS	0.02
	180.788							88# 28#		28	GONDOLA	-8 KIPS	-8 KIPS	0.01
	180.638							88# 28#		49	GONDOLA	-6 KIPS	-6 KIPS	0.00
180.484								88# 28#		72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	180.457							88# 28#		73	GONDOLA	-4 KIPS	-4 KIPS	0.00
	181.014	0	10	RUN 1	255	12#	REL	88# 28#	.02:2	1	GM108	2 KIPS	2 KIPS	0.00
	181.002							88# 28#		2	SD40	-5 KIPS	-5 KIPS	0.01
	180.990							88# 28#		3	SD40	-10 KIPS	-10 KIPS	0.02
180.800								88# 28#		28	GONDOLA	-7 KIPS	-7 KIPS	0.01
	180.641							88# 28#		49	GONDOLA	-6 KIPS	-6 KIPS	0.00
	180.487							88# 28#		72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	180.459							88# 28#		73	GONDOLA	-4 KIPS	-4 KIPS	0.00
	181.017	0	9	RUN 1	255	12#	REL	88# 28#	.02:2	1	GM108	2 KIPS	2 KIPS	0.00
0:28:37	181.005							88# 28#		2	SD40	-5 KIPS	-5 KIPS	0.01
	180.992							88# 28#		3	SD40	-10 KIPS	-10 KIPS	0.02
	180.803							88# 28#		28	GONDOLA	-7 KIPS	-7 KIPS	0.01
	180.644							88# 28#		49	GONDOLA	-6 KIPS	-6 KIPS	0.00
	180.469							88# 28#		72	GONDOLA	-4 KIPS	-4 KIPS	0.00
180.462								88# 28#		73	GM108	-4 KIPS	-4 KIPS	0.00
	181.019	0	9	RUN 1	255	12#	REL	88# 28#	.02:2	1	SD40	2 KIPS	2 KIPS	0.00
	181.007							88# 28#		2	SD40	-5 KIPS	-5 KIPS	0.01
	180.995							88# 28#		3	SD40	-10 KIPS	-10 KIPS	0.02
	180.805							88# 28#		28	GONDOLA	-7 KIPS	-7 KIPS	0.02
180.646								88# 28#		49	GONDOLA	-8 KIPS	-8 KIPS	0.01
	180.472							88# 28#		72	GONDOLA	-5 KIPS	-5 KIPS	0.00
	180.464							88# 28#		73	GONDOLA	-4 KIPS	-4 KIPS	0.00
	180.464							88# 28#		73	GM108	-4 KIPS	-4 KIPS	0.00
	181.022	0	9	RUN 1	255	12#	REL	88# 28#	.02:2	1	SD40	0 KIPS	0 KIPS	0.00
0:28:39	181.010							88# 28#		2	SD40	-4 KIPS	-4 KIPS	0.01
	180.997							88# 28#		3	SD40	-9 KIPS	-9 KIPS	0.02
	180.808							88# 28#		28	GONDOLA	-7 KIPS	-7 KIPS	0.02
	180.649							88# 28#		49	GONDOLA	-5 KIPS	-5 KIPS	0.00
	180.474							88# 28#		72	GONDOLA	-4 KIPS	-4 KIPS	0.00
180.467								88# 28#		73	GM108	-4 KIPS	-4 KIPS	0.00
	181.023	0	9	RUN 1	255	12#	REL	88# 28#	.02:2	1	SD40	0 KIPS	0 KIPS	0.01
	181.011							88# 28#		2	SD40	-4 KIPS	-4 KIPS	0.02
	180.998							88# 28#		3	GONDOLA	-8 KIPS	-8 KIPS	0.02
	180.809							88# 28#		28	GONDOLA	-7 KIPS	-7 KIPS	0.00
0:28:40	180.650							88# 28#		49	GONDOLA	-5 KIPS	-5 KIPS	0.00
	180.478							88# 28#		72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	180.469							88# 28#		73	GM108	-4 KIPS	-4 KIPS	0.00
	180.469							88# 28#		73	GM108	-4 KIPS	-4 KIPS	0.00
	180.469							88# 28#		73	GM108	-4 KIPS	-4 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	BRAKES PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										FORWARD FORCES	AFT	
O:28:41	181.026	0	8	RUN	1	148	12# REL		SD40	0 KIPS	-4 KIPS	0.01
	181.013					68# 28#	-8:3 .02:2	1	SD40	-4 KIPS	-8 KIPS	0.02
	181.001					68# 28#		3	GONDOLA	-8 KIPS	-8 KIPS	0.00
	180.812					68# 28#		28	GONDOLA	-8 KIPS	-8 KIPS	0.00
HELPERS O:28:42	180.853					68# 28#		49	GONDOLA	-8 KIPS	-8 KIPS	0.00
	180.478					68# 28#		72	GONDOLA	-4 KIPS	-3 KIPS	0.00
	180.471					68# 28#		73	GM108	-3 KIPS	2 KIPS	0.00
	181.028	0	8	RUN	1	152	12# REL		SD40	0 KIPS	-4 KIPS	0.01
	181.016					68# 28#	-8:3 .02:2	1	SD40	-4 KIPS	-8 KIPS	0.02
	181.003					68# 28#		2	GONDOLA	-8 KIPS	-8 KIPS	0.02
	180.814					68# 28#		3	GONDOLA	-8 KIPS	-8 KIPS	0.00
	180.855					68# 28#		28	GONDOLA	-8 KIPS	-8 KIPS	0.00
HELPERS O:28:43	180.481					68# 28#		49	GONDOLA	-8 KIPS	-8 KIPS	0.00
	180.473					68# 28#		72	GONDOLA	-4 KIPS	-3 KIPS	0.00
	181.030	0	8	RUN	1	155	12# REL		GM108	-3 KIPS	2 KIPS	0.00
	181.018					68# 28#	-7:3 .02:2	1	SD40	0 KIPS	-4 KIPS	0.01
	181.005					68# 28#		2	SD40	-4 KIPS	-7 KIPS	0.02
	180.816					68# 28#		3	GONDOLA	-7 KIPS	-7 KIPS	0.01
	180.857					68# 28#		28	GONDOLA	-8 KIPS	-8 KIPS	0.00
	180.483					68# 28#		48	GONDOLA	-8 KIPS	-8 KIPS	0.00
HELPERS O:28:44	180.475					68# 28#		72	GONDOLA	-3 KIPS	-3 KIPS	0.00
	181.032	0	7	RUN	1	160	12# REL		GM108	-3 KIPS	2 KIPS	0.00
	181.020					68# 28#	-6:3 .01:2	1	SD40	0 KIPS	-3 KIPS	0.00
	181.008					68# 28#		2	SD40	-3 KIPS	-8 KIPS	0.01
	180.818					68# 28#		3	GONDOLA	-8 KIPS	-8 KIPS	0.01
	180.859					68# 28#		28	GONDOLA	-8 KIPS	-8 KIPS	0.00
	180.485					68# 28#		48	GONDOLA	-4 KIPS	-4 KIPS	0.00
	180.477					68# 28#		72	GONDOLA	-3 KIPS	-3 KIPS	0.00
HELPERS O:28:45	181.034	0	7	RUN	1	164	12# REL		GM108	-3 KIPS	2 KIPS	0.00
	181.022					68# 28#	-8:3 .01:2	1	SD40	0 KIPS	-3 KIPS	0.00
	181.010					68# 28#		2	SD40	-3 KIPS	-8 KIPS	0.01
	180.820					68# 28#		3	GONDOLA	-8 KIPS	-8 KIPS	0.00
	180.851					68# 28#		28	GONDOLA	-8 KIPS	-8 KIPS	0.00
	180.487					68# 28#		49	GONDOLA	-4 KIPS	-4 KIPS	0.00
	180.479					68# 28#		72	GONDOLA	-3 KIPS	-3 KIPS	0.00
	181.036	0	7	RUN	1	169	12# REL		GM108	-3 KIPS	2 KIPS	0.00
HELPERS O:28:46	181.024					68# 28#	-5:3 .01:2	1	SD40	0 KIPS	-2 KIPS	0.01
	181.011					68# 28#		2	SD40	-2 KIPS	-8 KIPS	0.01
	180.822					68# 28#		3	GONDOLA	-8 KIPS	-8 KIPS	0.00
	180.853					68# 28#		28	GONDOLA	-4 KIPS	-4 KIPS	0.00
	180.489					68# 28#		48	GONDOLA	-4 KIPS	-4 KIPS	0.00
	180.481					68# 28#		72	GONDOLA	-3 KIPS	-3 KIPS	0.00
	180.481					68# 28#		73	GM108	-3 KIPS	2 KIPS	0.00
	180.481					68# 28#		73	GM108	-3 KIPS	2 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THLT RUN	AMPS	SETTING TRN IND PIPE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES		L/V RATIO	
									IDENTIFIER	DRAWBAR FORCES FORE AFT		
0:28:47	191.038	0	6	RUN 1	175 12# REL	88# 28#	-4:3 .01:2	1	SD40	0 KIPS	-2 KIPS	0.00
	191.026					88# 28#		2	SD40	-2 KIPS	-4 KIPS	0.01
	191.013					88# 28#		3	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.824					88# 28#		28	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.665					88# 28#		49	GONDOLA	-3 KIPS	-3 KIPS	0.00
HELPERS 0:28:48	190.490					88# 28#		72	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.483					88# 28#		73	GONDOLA	-3 KIPS	-3 KIPS	0.00
	191.040	0	6	RUN 1	255 12# REL	88# 28#	-3:3 .00:	1	GM108	0 KIPS	-2 KIPS	0.00
	191.027					88# 28#		2	SD40	-2 KIPS	-3 KIPS	0.00
	191.015					88# 28#		3	GONDOLA	-3 KIPS	-3 KIPS	0.00
HELPERS 0:28:49	190.826					88# 28#		28	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.666					88# 28#		49	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.492					88# 28#		72	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.485					88# 28#		73	GM108	-3 KIPS	-3 KIPS	0.00
	191.041	0	6	RUN 1	197 12# REL	88# 28#	-3:73 .00:	1	SD40	0 KIPS	-1 KIPS	0.00
HELPERS 0:28:50	191.029					88# 28#		2	SD40	-1 KIPS	-2 KIPS	0.00
	191.017					88# 28#		3	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.827					88# 28#		28	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.668					88# 28#		49	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.494					88# 28#		72	GONDOLA	-3 KIPS	-3 KIPS	0.00
HELPERS 0:28:51	190.488					88# 28#		73	GM108	-3 KIPS	-3 KIPS	0.00
	191.043	0	5	RUN 1	255 12# REL	88# 28#	-3:73 .00:	1	SD40	0 KIPS	-1 KIPS	0.00
	191.030					88# 28#		2	SD40	-1 KIPS	-1 KIPS	0.00
	191.018					88# 28#		3	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.828					88# 28#		28	GONDOLA	-2 KIPS	-2 KIPS	0.00
HELPERS 0:28:52	190.670					88# 28#		49	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.495					88# 28#		72	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.488					88# 28#		73	GM108	-3 KIPS	-3 KIPS	0.00
	191.044	0	5	RUN 1	202 12# REL	88# 28#	-3:73 .00:	1	SD40	0 KIPS	0 KIPS	0.00
	191.032					88# 28#		2	SD40	0 KIPS	0 KIPS	0.00
HELPERS 0:28:53	191.019					88# 28#		3	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.830					88# 28#		28	GONDOLA	-1 KIPS	-1 KIPS	0.00
	190.671					88# 28#		49	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.497					88# 28#		72	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.489					88# 28#		73	GM108	-3 KIPS	-3 KIPS	0.00
-----> IDLE												
-----> CONTINUE UNTIL SPEED REACHES 0 M.P.H.												
0:28:52	191.045	0	5	IDLE	0 12# REL	88# 28#	58:72 .05:2	1	SD40	0 KIPS	-11 KIPS	0.03
	191.033					88# 28#		2	SD40	-11 KIPS	-21 KIPS	0.05
	191.021					88# 28#		3	GONDOLA	-21 KIPS	-21 KIPS	0.04
	190.831					88# 28#		28	GONDOLA	-14 KIPS	-13 KIPS	0.02
	190.672					88# 28#		49	GONDOLA	-9 KIPS	-8 KIPS	0.00
HELPERS 0:28:53	190.498					88# 28#		72	GONDOLA	58 KIPS	53 KIPS	0.00
	190.491					88# 28#		73	GM108	4 KIPS	4 KIPS	0.00

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STATION TIME	MP	SPEED LMT RUN	THYLE AMP'S	SETTING PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES FORE	AFT	L/V RATIO
0:28:53	191.047	0	4	IDLE	80:71 .05:2	1	SD40	0 KIPS	-11 KIPS	0.03
	191.034				88# 28#	2	SD40	-11 KIPS	-22 KIPS	0.08
	191.022				88# 28#	3	GONDOLA	-22 KIPS	-21 KIPS	0.04
	190.833				88# 28#	28	GONDOLA	-14 KIPS	-13 KIPS	0.02
	190.874				88# 28#	49	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.499				88# 28#	72	GONDOLA	44 KIPS	28 KIPS	0.00
HELPERS	190.492				88# 28#	73	GM108	28 KIPS	4 KIPS	0.00
0:28:54	191.048	0	4	IDLE	80:87 .05:2	1	SD40	0 KIPS	-11 KIPS	0.03
	191.035				88# 28#	2	SD40	-11 KIPS	-21 KIPS	0.06
	191.023				88# 28#	3	GONDOLA	-21 KIPS	-13 KIPS	0.04
	190.834				88# 28#	28	GONDOLA	-13 KIPS	-13 KIPS	0.02
	190.875				88# 28#	49	GONDOLA	-6 KIPS	-6 KIPS	0.00
	190.500				88# 28#	72	GONDOLA	28 KIPS	18 KIPS	0.00
HELPERS	190.493				88# 28#	73	GM108	18 KIPS	4 KIPS	0.00
0:28:55	191.049	0	3	IDLE	58:86 .05:2	1	SD40	0 KIPS	-11 KIPS	0.03
	191.037				88# 28#	2	SD40	-11 KIPS	-22 KIPS	0.06
	191.024				88# 28#	3	GONDOLA	-22 KIPS	-13 KIPS	0.04
	190.835				88# 28#	28	GONDOLA	-13 KIPS	-13 KIPS	0.02
	190.876				88# 28#	49	GONDOLA	-6 KIPS	-5 KIPS	0.00
	190.501				88# 28#	72	GONDOLA	18 KIPS	13 KIPS	0.00
HELPERS	190.484				88# 28#	73	GM108	13 KIPS	4 KIPS	0.00
0:28:56	191.080	0	3	IDLE	57:84 .05:2	1	SD40	0 KIPS	-11 KIPS	0.03
	191.037				88# 28#	2	SD40	-11 KIPS	-21 KIPS	0.06
	191.025				88# 28#	3	GONDOLA	-21 KIPS	-13 KIPS	0.04
	190.836				88# 28#	28	GONDOLA	-13 KIPS	-12 KIPS	0.01
	190.877				88# 28#	49	GONDOLA	-8 KIPS	-8 KIPS	0.00
	190.502				88# 28#	72	GONDOLA	14 KIPS	13 KIPS	0.00
HELPERS	190.485				88# 28#	73	GM108	13 KIPS	3 KIPS	0.00
0:28:57	191.081	0	3	IDLE	55:81 .05:2	1	SD40	0 KIPS	-11 KIPS	0.03
	191.038				88# 28#	2	SD40	-11 KIPS	-22 KIPS	0.06
	191.026				88# 28#	3	GONDOLA	-22 KIPS	-12 KIPS	0.04
	190.838				88# 28#	28	GONDOLA	-12 KIPS	-12 KIPS	0.01
	190.877				88# 28#	49	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.503				88# 28#	72	GONDOLA	12 KIPS	13 KIPS	0.00
HELPERS	190.486				88# 28#	73	GM108	12 KIPS	3 KIPS	0.00
0:28:58	191.051	0	2	IDLE	53:59 .05:2	1	SD40	0 KIPS	-11 KIPS	0.03
	191.039				88# 28#	2	SD40	-11 KIPS	-21 KIPS	0.06
	191.027				88# 28#	3	GONDOLA	-21 KIPS	-12 KIPS	0.04
	190.837				88# 28#	28	GONDOLA	-12 KIPS	-11 KIPS	0.01
	190.878				88# 28#	49	GONDOLA	-4 KIPS	-3 KIPS	0.00
	190.504				88# 28#	72	GONDOLA	12 KIPS	13 KIPS	0.00
HELPERS	190.488				88# 28#	73	GM108	13 KIPS	3 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THLTL AMPS	SETTING TRN INO PIPE CYL	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
O:28:50	191.052	0	2	IDLE	0	12# REL	1	SD40	0 KIPS	-11 KIPS	0.03
	191.039				88# 28#		2	SD40	-11 KIPS	-21 KIPS	0.05
	191.027				88# 28#		3	GONDOLA	-21 KIPS	-21 KIPS	0.04
	190.838				88# 28#		28	GONDOLA	-11 KIPS	-11 KIPS	0.01
HELPERS O:29:0	190.679				88# 28#		49	GONDOLA	-3 KIPS	-2 KIPS	0.00
	190.504				88# 28#		72	GONDOLA	13 KIPS	13 KIPS	0.00
	190.497				88# 28#		73	GM10B	3 KIPS	3 KIPS	0.00
	191.052	0	1	IDLE	0	12# REL	1	SD40	-11 KIPS	-11 KIPS	0.03
HELPERS O:29:1	191.040				88# 28#		2	SD40	-21 KIPS	-21 KIPS	0.05
	191.027				88# 28#		3	GONDOLA	-11 KIPS	-10 KIPS	0.04
	190.838				88# 28#		28	GONDOLA	-2 KIPS	-1 KIPS	0.01
	190.679				88# 28#		49	GONDOLA	13 KIPS	14 KIPS	0.00
HELPERS O:29:2	190.505				88# 28#		72	GONDOLA	14 KIPS	14 KIPS	0.00
	191.052	0	1	IDLE	0	12# REL	1	GM10B	0 KIPS	4 KIPS	0.00
	191.040				88# 28#		2	SD40	-10 KIPS	-10 KIPS	0.03
	191.028				88# 28#		3	GONDOLA	-21 KIPS	-21 KIPS	0.05
HELPERS O:29:3	190.838				88# 28#		28	GONDOLA	-10 KIPS	-10 KIPS	0.04
	190.679				88# 28#		49	GONDOLA	-1 KIPS	45 KIPS	0.01
	190.505				88# 28#		72	GONDOLA	13 KIPS	14 KIPS	0.00
	190.497				88# 28#		73	GM10B	14 KIPS	4 KIPS	0.00
HELPERS O:29:4	191.052	0	0	IDLE	0	12# REL	1	SD40	0 KIPS	-10 KIPS	0.03
	191.040				88# 28#		2	SD40	-10 KIPS	-20 KIPS	0.04
	191.028				88# 28#		3	GONDOLA	-20 KIPS	-20 KIPS	0.04
	190.838				88# 28#		28	GONDOLA	-9 KIPS	-9 KIPS	0.01
HELPERS O:29:5	190.679				88# 28#		49	GONDOLA	44 KIPS	40 KIPS	0.00
	190.505				88# 28#		72	GONDOLA	13 KIPS	14 KIPS	0.00
	190.497				88# 28#		73	GM10B	14 KIPS	4 KIPS	0.00
					IDLE	0	12# REL				

-----> STOP COMPUTER RUN
MAXIMUM FORCES FOR THIS CASE

MAX. DRAFT COUPLER FORCE: 183 KIPS ON VEH. 57 AT 0: 0:12

MAX. BUFF COUPLER FORCE: -133 KIPS ON VEH. 69 AT 0:28:22

MAXIMUM L/V : 0.27 ON VEH. 72 AT 0:19:11

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TRAIN SUMMARY

LEAD LOCOMOTIVES	HELPER LOCOMOTIVES	CARS	TRAILING TONNAGE	TOTAL TONNAGE	TOTAL LENGTH
2	1	71	8830	8419	3037'

VEHICLE LISTING

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1- 2	LOCO (2)	SD40	85'	197T		M380	28"	12X40"	COMP/PL	J1.8
3- 72	CARS (70)	LG4	40'	126T		MK50	29"	8X38"	C.I.	AB
73	GM108		89'	195T		M380	28"	12X50"	COMP/PL	J1.8
74	CABOOSE	ECAB	38'	10T		MK50	33"	8X33"	C.I.	AB

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT COUP GEAR LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
1- 2	LOCO (2)	SD40 85'	197T	M380	28"	12X40"	COMP/PL J1.6		

DYNAMIC BRAKES: TAPERED ; EXTENDED RANGE
 DYNAMIC BRAKE INTERLOCK (DBI): NO RECOVERY AFTER DYNAMIC BRAKE OFF
 INDEPENDENT PRESSURE SWITCH (IPS) ACTIVATED AT: 15 P.S.I.

SPEED (MPH):	5	15	30	45	60	75
ENGINE TRACTIVE FORCE:	70000#	63202#	31000#	20222#	15186#	12133#
ENGINE H.P. AT RAIL:	933	2528	2480	2428	2428	2428
DYNAMIC BRAKE FORCE:	34534#	53988#	48801#	32400#	24300#	18440#
DYNAMIC H.P. AT RAIL:	480	2159	3888	3888	3888	3888

POWER SUMMARY

POSITION	IDENTIFIER	TYPE	LGN	WGT	U/F	DRAFT GEAR	COUP LGN	WHEELS	BRAKE SHOES	BRAKE VALVE
73	GM10B		89'	195T		M380	28"	12X50"	COMP/PL	J1.8
DYNAMIC BRAKES: NONE										
TRANSITION SPEED: 20 MPH										
SPEED (MPH):										
ENGINE TRACTIVE FORCE: 138558# 5 15 30 45 80 75										
ENGINE H.P. AT RAIL: 1820 5427 10748 12149 75934# 80748#										
DYNAMIC BRAKE FORCE: 0# 0# 0# 0# 0# 0#										
DYNAMIC H.P. AT RAIL: 0 0 0 0 0 0										

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STATION TIME	MP	SPEED LMT RUN	THITLE AMPS	SETTLING PRESSURE	MAXIMUMS (AND LOCATION)	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES	L/V RATIO
				TRN IND PIPE CYL	KIPS:CAR L/V:CAR			FORE	AFT
-----> USE WIDE CARRIAGE FORMAT FOR OUTPUT DATA									
-----> PRINT OUT (AT LEAST) EVERY 10 SECONDS									
-----> USE 80 P.S.I. BRAKE PIPE PRESSURE									
-----> LEAKAGE = 2 P.S.I. PER MINUTE									
-----> PRINT OUT FORCES ON VEHICLE 1									
-----> PRINT OUT FORCES ON VEHICLE 2									
-----> PRINT OUT FORCES ON VEHICLE 3									
-----> PRINT OUT FORCES ON VEHICLE 28									
-----> PRINT OUT FORCES ON VEHICLE 49									
-----> PRINT OUT FORCES ON VEHICLE 72									
-----> PRINT OUT FORCES ON VEHICLE 73									
-----> SAND									
-----> RUN 1									
-----> CONTINUE FOR 280 SECONDS									
-----> TRAIN STARTING AT -0.30% GRADE									
O: 0: 0	182.880	0	0	0	1	481	REL REL	80#	0#
	182.868							80#	0#
	182.855							80#	0#
	182.866							80#	0#
	182.807							80#	0#
	182.333							80#	0#
	182.325							80#	0#
HELPERS	182.882	0	1	RUN 1	255	REL REL	80#	0#	150:7
O: 0: 10	182.869							80#	0#
	182.857							80#	0#
	182.698							80#	0#
	182.508							80#	0#
	182.334							80#	0#
HELPERS	182.327							80#	0#
O: 0: 20	182.886	0	2	RUN 1	255	REL REL	80#	0#	183:57
	182.874							80#	0#
	182.861							80#	0#
	182.672							80#	0#
	182.513							80#	0#
	182.339							80#	0#
HELPERS	182.331							80#	0#
O: 0: 30	182.893	0	3	RUN 1	255	REL REL	80#	0#	-56:63
	182.881							80#	0#
	182.869							80#	0#
	182.678							80#	0#
	182.520							80#	0#
	182.346							80#	0#
HELPERS	182.338							80#	0#
----->	TRAIN ENTERING -0.31 % GRADE								

STATION TIME	MP	SPEED LMT RUN	THITLE	AMPS	SETTING TRN IND PIPE	BRAKES CYL	PRESSURE	(AND LOCATION) KIPS:CAR L/V:CAR	MAXIMUMS	POSITION	FOR SPECIFIED VEHICLES				
											IDENTIFIER	DRAWBAR FORCES FORE	FORCES AFT	L/V RATIO	
O: 0:40	182.903	0	4	RUN 1	244	REL	REL	80# 0#	33:3	13:73	1	SD40	0 KIPS	17 KIPS	0.00
	182.890							80# 0#			2	SD40	17 KIPS	33 KIPS	0.00
	182.878							80# 0#			3	GONDOLA	33 KIPS	33 KIPS	0.00
	182.689							80# 0#			28	GONDOLA	14 KIPS	13 KIPS	0.10
	182.530							80# 0#			49	GONDOLA	-12 KIPS	-10 KIPS	0.10
	182.355							80# 0#			72	GONDOLA	-15 KIPS	-16 KIPS	0.09
HELPERS	182.348							80# 0#			73	GM108	-16 KIPS	1 KIPS	0.13
	182.914	0	5	RUN 1	255	REL	REL	80# 0#	29:3	13:73	1	SD40	0 KIPS	15 KIPS	0.00
	182.902							80# 0#			2	SD40	15 KIPS	29 KIPS	0.00
	182.890							80# 0#			3	GONDOLA	29 KIPS	28 KIPS	0.00
	182.700							80# 0#			28	GONDOLA	14 KIPS	13 KIPS	0.10
	182.541							80# 0#			49	GONDOLA	17 KIPS	16 KIPS	0.09
HELPERS	182.367							80# 0#			72	GONDOLA	-15 KIPS	-18 KIPS	0.09
	182.359							80# 0#			73	GM108	-16 KIPS	9 KIPS	0.13
	182.358							80# 0#							
	182.928	0	5	RUN 1	255	REL	REL	80# 0#	28:3	13:73	1	SD40	0 KIPS	13 KIPS	0.00
	182.916							80# 0#			2	SD40	13 KIPS	26 KIPS	0.00
	182.804							80# 0#			3	GONDOLA	26 KIPS	26 KIPS	0.00
HELPERS	182.714							80# 0#			28	GONDOLA	14 KIPS	13 KIPS	0.10
	182.555							80# 0#			49	GONDOLA	-8 KIPS	-9 KIPS	0.09
	182.381							80# 0#			72	GONDOLA	-15 KIPS	-15 KIPS	0.09
	182.373							80# 0#			73	GM108	-15 KIPS	9 KIPS	0.13
	182.944	0	5	RUN 1	255	REL	REL	80# 0#	23:3	13:73	1	SD40	0 KIPS	11 KIPS	0.00
	182.932							80# 0#			2	SD40	11 KIPS	23 KIPS	0.00
HELPERS	182.920							80# 0#			3	GONDOLA	23 KIPS	23 KIPS	0.00
	182.730							80# 0#			28	GONDOLA	12 KIPS	12 KIPS	0.10
	182.571							80# 0#			49	GONDOLA	-18 KIPS	-18 KIPS	0.09
	182.397							80# 0#			72	GONDOLA	-15 KIPS	-16 KIPS	0.09
	182.389							80# 0#			73	GM108	-16 KIPS	1 KIPS	0.13
	182.388							80# 0#							
O: 1:20	182.962	0	7	RUN 1	255	REL	REL	80# 0#	20:3	13:73	1	SD40	0 KIPS	10 KIPS	0.00
	182.950							80# 0#			2	SD40	10 KIPS	20 KIPS	0.00
	182.937							80# 0#			3	GONDOLA	20 KIPS	20 KIPS	0.00
	182.748							80# 0#			28	GONDOLA	9 KIPS	8 KIPS	0.10
	182.589							80# 0#			49	GONDOLA	-6 KIPS	-5 KIPS	0.09
	182.415							80# 0#			72	GONDOLA	-15 KIPS	-16 KIPS	0.09
HELPERS	182.407							80# 0#			73	GM108	-16 KIPS	0 KIPS	0.13
	182.982	0	7	RUN 1	255	REL	REL	80# 0#	17:3	13:73	1	SD40	0 KIPS	9 KIPS	0.00
	182.970							80# 0#			2	SD40	9 KIPS	17 KIPS	0.00
	182.957							80# 0#			3	GONDOLA	17 KIPS	17 KIPS	0.00
	182.768							80# 0#			28	GONDOLA	8 KIPS	7 KIPS	0.09
	182.609							80# 0#			49	GONDOLA	-5 KIPS	-5 KIPS	0.09
HELPERS	182.434							80# 0#			72	GONDOLA	-15 KIPS	-16 KIPS	0.09
	182.427							80# 0#			73	GM108	-16 KIPS	8 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS TRN	BRAKES IND REL	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
O: 1:40	183.003	0	8	RUN 1	153	REL	REL	1	SD40	0 KIPS	8 KIPS	0.00
	182.991				80#	0#	18:3	2	SD40	8 KIPS	16 KIPS	0.00
	182.978				80#	0#		3	GONDOLA	16 KIPS	16 KIPS	0.00
	182.789				80#	0#		28	GONDOLA	9 KIPS	8 KIPS	0.09
HELPERS O: 1:50	182.630				80#	0#		49	GONDOLA	-3 KIPS	-4 KIPS	0.09
	182.456				80#	0#		72	GONDOLA	-16 KIPS	-16 KIPS	0.09
	182.449				80#	0#		73	GM108	-15 KIPS	0 KIPS	0.13
	183.027	0	9	RUN 1	255	REL	REL	1	SD40	0 KIPS	7 KIPS	0.00
HELPERS O: 2:0	183.015				80#	0#	-16:73	2	SD40	7 KIPS	14 KIPS	0.00
	183.002				80#	0#		3	GONDOLA	14 KIPS	14 KIPS	0.00
	182.813				80#	0#		28	GONDOLA	9 KIPS	8 KIPS	0.09
	182.854				80#	0#		49	GONDOLA	-3 KIPS	-3 KIPS	0.09
HELPERS O: 2:10	182.480				80#	0#		72	GONDOLA	-15 KIPS	-16 KIPS	0.09
	182.472				80#	0#		73	GM108	-16 KIPS	9 KIPS	0.13
	183.052	0	9	RUN 1	255	REL	REL	1	SD40	0 KIPS	6 KIPS	0.00
	183.040				80#	0#	-16:73	2	SD40	6 KIPS	13 KIPS	0.00
HELPERS O: 2:20	182.505				80#	0#		3	GONDOLA	13 KIPS	13 KIPS	0.00
	182.497				80#	0#		28	GONDOLA	8 KIPS	8 KIPS	0.09
	183.028				80#	0#		49	GONDOLA	-6 KIPS	-5 KIPS	0.09
	182.878				80#	0#		72	GONDOLA	-15 KIPS	-16 KIPS	0.10
HELPERS O: 2:30	182.505				80#	0#		73	GM108	-16 KIPS	0 KIPS	0.13
	182.497				80#	0#	-16:73	1	SD40	0 KIPS	6 KIPS	0.00
	183.080	0	10	RUN 1	136	REL	REL	2	SD40	8 KIPS	12 KIPS	0.00
	183.067				80#	0#		3	GONDOLA	12 KIPS	6 KIPS	0.09
HELPERS O: 2:40	182.865				80#	0#		28	GONDOLA	-5 KIPS	-5 KIPS	0.09
	182.708				80#	0#		72	GONDOLA	-16 KIPS	-16 KIPS	0.10
	182.832				80#	0#		73	GM108	0 KIPS	6 KIPS	0.13
	182.825				80#	0#	-16:73	1	SD40	0 KIPS	6 KIPS	0.00
HELPERS O: 2:50	183.109	0	11	RUN 1	132	REL	REL	2	SD40	6 KIPS	11 KIPS	0.00
	183.096				80#	0#		3	GONDOLA	11 KIPS	6 KIPS	0.00
	183.084				80#	0#		28	GONDOLA	8 KIPS	5 KIPS	0.09
	182.895				80#	0#		49	GONDOLA	-5 KIPS	-16 KIPS	0.10
HELPERS O: 3:00	182.735				80#	0#		72	GONDOLA	-16 KIPS	9 KIPS	0.13
	182.561				80#	0#	-16:73	1	SD40	0 KIPS	5 KIPS	0.00
	182.554				80#	0#		2	SD40	5 KIPS	10 KIPS	0.00
	183.139	0	11	RUN 1	128	REL	REL	3	GONDOLA	10 KIPS	6 KIPS	0.00
HELPERS O: 3:10	183.127				80#	0#		28	GONDOLA	6 KIPS	-3 KIPS	0.09
	183.115				80#	0#		49	GONDOLA	-15 KIPS	-16 KIPS	0.10
	182.925				80#	0#		72	GONDOLA	-16 KIPS	0 KIPS	0.13
	182.766				80#	0#		73	GM108	-16 KIPS	0 KIPS	0.13
HELPERS O: 3:20	182.592				80#	0#	-16:73	1	SD40	0 KIPS	5 KIPS	0.00
	182.585				80#	0#		2	SD40	5 KIPS	10 KIPS	0.00
	182.578				80#	0#		3	GONDOLA	6 KIPS	6 KIPS	0.00
	182.571				80#	0#		49	GONDOLA	-3 KIPS	-4 KIPS	0.09
HELPERS O: 3:30	182.564				80#	0#		72	GONDOLA	-15 KIPS	-16 KIPS	0.10
	182.557				80#	0#		73	GM108	-16 KIPS	0 KIPS	0.13
	182.550				80#	0#	-16:73	1	SD40	0 KIPS	5 KIPS	0.00
	182.543				80#	0#		2	SD40	5 KIPS	10 KIPS	0.00
HELPERS O: 3:40	182.536				80#	0#		3	GONDOLA	6 KIPS	6 KIPS	0.00
	182.529				80#	0#		49	GONDOLA	-3 KIPS	-4 KIPS	0.09
	182.522				80#	0#		72	GONDOLA	-15 KIPS	-16 KIPS	0.10
	182.515				80#	0#		73	GM108	-16 KIPS	0 KIPS	0.13

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS 1	SETTING REL	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO				
						TRN IND PIPE	REL				FOR	AFT					
O: 2:40	183.172	0	12	RUN	1	125	REL	REL	80#	0#	-16:73	13:73	1	SD40	5 KIPS	5 KIPS	0.00
	183.160								80#	0#			2	SD40	10 KIPS	10 KIPS	0.00
	183.148								80#	0#			3	GONDOLA	10 KIPS	10 KIPS	0.00
	182.958								80#	0#			28	GONDOLA	8 KIPS	8 KIPS	0.00
	182.799								80#	0#			49	GONDOLA	-2 KIPS	-2 KIPS	0.09
HELPERS	182.625								80#	0#			72	GONDOLA	-16 KIPS	-16 KIPS	0.10
	182.617								80#	0#			73	GONDOLA	-15 KIPS	-15 KIPS	0.13
	183.207	0	13	RUN	1	255	REL	REL	80#	0#	-16:73	13:73	1	GM108	9 KIPS	9 KIPS	0.00
	183.195								80#	0#			2	SD40	5 KIPS	5 KIPS	0.00
	183.182								80#	0#			3	SD40	9 KIPS	9 KIPS	0.00
O: 3: 0	182.993								80#	0#			28	GONDOLA	5 KIPS	5 KIPS	0.00
	182.834								80#	0#			49	GONDOLA	-4 KIPS	-4 KIPS	0.09
	182.660								80#	0#			72	GONDOLA	-15 KIPS	-15 KIPS	0.10
	182.652								80#	0#			73	GM108	0 KIPS	0 KIPS	0.00
	183.244	0	14	RUN	1	254	REL	REL	80#	0#	-15:73	13:73	1	SD40	4 KIPS	4 KIPS	0.00
HELPERS	183.231								80#	0#			2	SD40	9 KIPS	9 KIPS	0.00
	183.219								80#	0#			3	GONDOLA	3 KIPS	3 KIPS	0.00
	183.030								80#	0#			28	GONDOLA	-3 KIPS	-3 KIPS	0.09
	182.871								80#	0#			49	GONDOLA	-15 KIPS	-15 KIPS	0.10
	182.696								80#	0#			72	GONDOLA	-15 KIPS	-15 KIPS	0.13
O: 3:10	182.689								80#	0#			73	GM108	0 KIPS	0 KIPS	0.00
	183.282	0	14	RUN	1	254	REL	REL	80#	0#	-15:73	13:73	1	SD40	4 KIPS	4 KIPS	0.00
	183.270								80#	0#			2	SD40	8 KIPS	8 KIPS	0.00
	183.258								80#	0#			3	GONDOLA	3 KIPS	3 KIPS	0.00
	183.068								80#	0#			28	GONDOLA	-3 KIPS	-3 KIPS	0.00
HELPERS	182.909								80#	0#			49	GONDOLA	-15 KIPS	-15 KIPS	0.10
	182.735								80#	0#			72	GONDOLA	-15 KIPS	-15 KIPS	0.13
	182.727								80#	0#			73	GM108	0 KIPS	0 KIPS	0.00
	183.323	0	15	RUN	1	253	REL	REL	80#	0#	-15:73	13:73	1	SD40	4 KIPS	4 KIPS	0.00
	183.311								80#	0#			2	SD40	8 KIPS	8 KIPS	0.00
O: 3:20	183.298								80#	0#			3	GONDOLA	2 KIPS	2 KIPS	0.00
	183.109								80#	0#			28	GONDOLA	-5 KIPS	-5 KIPS	0.00
	182.950								80#	0#			49	GONDOLA	-15 KIPS	-15 KIPS	0.09
	182.776								80#	0#			72	GONDOLA	-15 KIPS	-15 KIPS	0.13
	182.768								80#	0#			73	GM108	0 KIPS	0 KIPS	0.00
HELPERS	182.768								80#	0#			1	SD40	4 KIPS	4 KIPS	0.00
	183.366	0	16	RUN	1	253	REL	REL	80#	0#	-15:73	12:73	1	SD40	7 KIPS	7 KIPS	0.00
	183.353								80#	0#			2	SD40	2 KIPS	2 KIPS	0.00
	183.341								80#	0#			3	GONDOLA	-5 KIPS	-5 KIPS	0.00
	183.152								80#	0#			28	GONDOLA	-15 KIPS	-15 KIPS	0.09
O: 3:30	182.993								80#	0#			49	GONDOLA	0 KIPS	0 KIPS	0.13
	182.818								80#	0#			72	GONDOLA	4 KIPS	4 KIPS	0.00
	182.818								80#	0#			73	GM108	7 KIPS	7 KIPS	0.00
	182.811								80#	0#			28	GONDOLA	-12 KIPS	-12 KIPS	0.00
	182.811								80#	0#			49	GONDOLA	-7 KIPS	-7 KIPS	0.00
HELPERS	182.811								80#	0#			72	GONDOLA	-15 KIPS	-15 KIPS	0.09
	182.811								80#	0#			73	GM108	0 KIPS	0 KIPS	0.12

STATION TIME	MP	SPEED LMT	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	AFT	
O: 3:40	183.410	0	17	RUN	1	110	REL	REL	80#	0#	SD40	0 KIPS	0.00
	183.398								80#	0#	SD40	3 KIPS	0.00
	183.386								80#	0#	SD40	7 KIPS	0.00
	183.196								80#	0#	GONDOLA	6 KIPS	0.00
HELPERS	183.037								80#	0#	GONDOLA	-7 KIPS	0.00
	182.863								80#	0#	GONDOLA	-8 KIPS	0.01
	182.855								80#	0#	GONDOLA	-15 KIPS	0.08
	182.857								80#	0#	GONDOLA	-15 KIPS	0.12
O: 3:50	183.457	0	17	RUN	1	108	REL	REL	80#	0#	GM108	0 KIPS	0.00
	183.445								80#	0#	SD40	3 KIPS	0.00
	183.433								80#	0#	SD40	6 KIPS	0.00
	183.243								80#	0#	GONDOLA	-2 KIPS	0.00
HELPERS	183.084								80#	0#	GONDOLA	-8 KIPS	0.01
	182.910								80#	0#	GONDOLA	-15 KIPS	0.03
	182.902								80#	0#	GONDOLA	-15 KIPS	0.02
	182.508								80#	0#	GM108	0 KIPS	0.00
O: 4:0	183.494	0	18	RUN	1	106	REL	REL	80#	0#	SD40	3 KIPS	0.00
	183.482								80#	0#	SD40	6 KIPS	0.00
	183.292								80#	0#	GONDOLA	-2 KIPS	0.00
	183.133								80#	0#	GONDOLA	-8 KIPS	0.01
HELPERS	182.959								80#	0#	GONDOLA	-15 KIPS	0.03
	182.951								80#	0#	GM108	-15 KIPS	0.02
	183.557	0	19	RUN	1	104	REL	REL	80#	0#	SD40	3 KIPS	0.00
	183.545								80#	0#	SD40	6 KIPS	0.00
O: 4:10	183.533								80#	0#	GONDOLA	-2 KIPS	0.00
	183.343								80#	0#	GONDOLA	-2 KIPS	0.00
	183.184								80#	0#	GONDOLA	-8 KIPS	0.01
	183.010								80#	0#	GONDOLA	-15 KIPS	0.03
HELPERS	183.003								80#	0#	GM108	-15 KIPS	0.02
	183.811	0	20	RUN	1	103	REL	REL	80#	0#	SD40	0 KIPS	0.00
	183.598								80#	0#	SD40	3 KIPS	0.00
	183.586								80#	0#	SD40	5 KIPS	0.00
O: 4:20	183.397								80#	0#	GONDOLA	-2 KIPS	0.00
	183.238								80#	0#	GONDOLA	-8 KIPS	0.01
	183.063								80#	0#	GONDOLA	-15 KIPS	0.03
	183.058								80#	0#	GM108	-15 KIPS	0.02
HELPERS	183.688	0	20	RUN	1	102	REL	REL	80#	0#	SD40	0 KIPS	0.00
	183.654								80#	0#	SD40	3 KIPS	0.00
	183.641								80#	0#	SD40	5 KIPS	0.00
	183.452								80#	0#	GONDOLA	-2 KIPS	0.00
O: 4:30	183.293								80#	0#	GONDOLA	-8 KIPS	0.01
	183.119								80#	0#	GONDOLA	-15 KIPS	0.03
	183.111								80#	0#	GM108	-15 KIPS	0.02

STATION TIME	SPEED LMT	THYLE RUN	AMPS REL	BRAKES TRN IND PIPE	SETTING CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAMBAR FORCES FORE	AFT	
O: 4:40	183.723	0	21	RUN 1	100	REL	80# 0#	1	SD40	0 KIPS	2 KIPS	0.00
	183.711						80# 0#	2	SD40	2 KIPS	5 KIPS	0.00
	183.699						80# 0#	3	GONDOLA	5 KIPS	5 KIPS	0.00
	183.609						80# 0#	28	GONDOLA	-2 KIPS	-2 KIPS	0.00
	183.350						80# 0#	49	GONDOLA	-8 KIPS	-8 KIPS	0.01
	183.178						80# 0#	72	GONDOLA	-15 KIPS	-15 KIPS	0.03
	183.168						80# 0#	73	GM108	-15 KIPS	8 KIPS	0.02
HELPERS	183.168			RUN 1	236	REL	80# 0#					
-----> RUN 3												
O: 4:41	183.729	0	21	RUN 3	115	REL	80# 0#	1	SD40	0 KIPS	2 KIPS	0.00
	183.717						80# 0#	2	SD40	2 KIPS	5 KIPS	0.00
	183.705						80# 0#	3	GONDOLA	5 KIPS	4 KIPS	0.00
	183.515						80# 0#	28	GONDOLA	-2 KIPS	-2 KIPS	0.00
	183.356						80# 0#	49	GONDOLA	-8 KIPS	-8 KIPS	0.01
	183.182						80# 0#	72	GONDOLA	-15 KIPS	-15 KIPS	0.03
	183.174						80# 0#	73	GM108	-15 KIPS	0 KIPS	0.02
HELPERS	183.174			RUN 3	283	REL	80# 0#					
O: 4:42	183.735	0	21	RUN 3	133	REL	80# 0#	1	SD40	0 KIPS	4 KIPS	0.00
	183.723						80# 0#	2	SD40	7 KIPS	7 KIPS	0.00
	183.710						80# 0#	3	GONDOLA	-2 KIPS	-3 KIPS	0.00
	183.521						80# 0#	28	GONDOLA	-9 KIPS	-10 KIPS	0.01
	183.362						80# 0#	49	GONDOLA	-17 KIPS	-17 KIPS	0.03
	183.188						80# 0#	72	GONDOLA	-17 KIPS	0 KIPS	0.03
	183.180						80# 0#	73	GM108	0 KIPS	15 KIPS	0.00
HELPERS	183.180			RUN 3	294	REL	80# 0#					
O: 4:50	183.783	0	22	RUN 3	279	REL	80# 0#	1	SD40	15 KIPS	30 KIPS	0.00
	183.771						80# 0#	2	SD40	30 KIPS	29 KIPS	0.00
	183.758						80# 0#	3	GONDOLA	37 KIPS	37 KIPS	0.00
	183.569						80# 0#	28	GONDOLA	-21 KIPS	-22 KIPS	0.02
	183.410						80# 0#	49	GONDOLA	-41 KIPS	-42 KIPS	0.07
	183.236						80# 0#	72	GONDOLA	-42 KIPS	10 KIPS	0.06
	183.228						80# 0#	73	GM108			
HELPERS	183.228			RUN 3	568	REL	80# 0#					
-----> TRAIN ENTERING 3.00 DEGREE CURVE												
O: 5: 0	183.846	0	23	RUN 3	268	REL	80# 0#	1	SD40	0 KIPS	15 KIPS	0.13
	183.834						80# 0#	2	SD40	15 KIPS	30 KIPS	0.13
	183.822						80# 0#	3	GONDOLA	30 KIPS	29 KIPS	0.09
	183.632						80# 0#	28	GONDOLA	30 KIPS	34 KIPS	0.00
	183.473						80# 0#	49	GONDOLA	-18 KIPS	-19 KIPS	0.02
	183.299						80# 0#	72	GONDOLA	-40 KIPS	-41 KIPS	0.07
	183.281						80# 0#	73	GM108	-41 KIPS	11 KIPS	0.06
HELPERS	183.281			RUN 3	566	REL	80# 0#					
O: 5:10	183.913	0	25	RUN 3	171	REL	80# 0#	1	SD40	0 KIPS	14 KIPS	0.12
	183.901						80# 0#	2	SD40	14 KIPS	28 KIPS	0.12
	183.888						80# 0#	3	GONDOLA	28 KIPS	28 KIPS	0.09
	183.699						80# 0#	28	GONDOLA	-38 KIPS	-38 KIPS	0.00
	183.540						80# 0#	49	GONDOLA	-19 KIPS	-20 KIPS	0.02
	183.366						80# 0#	72	GONDOLA	-41 KIPS	-41 KIPS	0.07
	183.358						80# 0#	73	GM108	-41 KIPS	1 KIPS	0.06
HELPERS	183.358			RUN 3	584	REL	80# 0#					

STATION TIME	MP	SPEED LIMIT	THRTLE RUN	AMPS REL	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0: 5:11	183.920	0	25	RUN	3	0	REL	REL	80#	0#	1	SD40	0 KIPS	0.12
	183.908								80#	0#	2	SD40	0 KIPS	0.12
	183.895								80#	0#	3	GONDOLA	10 KIPS	0.08
	183.706								80#	0#	28	GONDOLA	-34 KIPS	0.00
	183.547								80#	0#	49	GONDOLA	-20 KIPS	0.03
	183.373								80#	0#	72	GONDOLA	-41 KIPS	0.07
HELPERS	183.365								80#	0#	73	GM108	0 KIPS	0.07
0: 5:12	183.927	0	25	RUN	3	563	REL	REL	80#	0#	1	SD40	0 KIPS	0.12
	183.914								80#	0#	2	SD40	5 KIPS	0.12
	183.902								80#	0#	3	GONDOLA	7 KIPS	0.09
	183.713								80#	0#	28	GONDOLA	-32 KIPS	0.00
	183.554								80#	0#	49	GONDOLA	-21 KIPS	0.03
	183.379								80#	0#	72	GONDOLA	-40 KIPS	0.07
HELPERS	183.372								80#	0#	73	GM108	1 KIPS	0.08
0: 5:13	183.934	0	25	RUN	3	563	REL	REL	80#	0#	1	SD40	0 KIPS	0.12
	183.921								80#	0#	2	SD40	6 KIPS	0.12
	183.909								80#	0#	3	GONDOLA	12 KIPS	0.08
	183.720								80#	0#	28	GONDOLA	-18 KIPS	0.01
	183.561								80#	0#	49	GONDOLA	-23 KIPS	0.03
	183.386								80#	0#	72	GONDOLA	-40 KIPS	0.07
HELPERS	183.379								80#	0#	73	GM108	1 KIPS	0.08
0: 5:14	183.941	0	25	RUN	3	563	REL	REL	80#	0#	1	SD40	0 KIPS	0.12
	183.928								80#	0#	2	SD40	8 KIPS	0.12
	183.916								80#	0#	3	GONDOLA	15 KIPS	0.09
	183.727								80#	0#	28	GONDOLA	-9 KIPS	0.01
	183.568								80#	0#	49	GONDOLA	-24 KIPS	0.03
	183.393								80#	0#	72	GONDOLA	-40 KIPS	0.07
HELPERS	183.386								80#	0#	73	GM108	1 KIPS	0.08
0: 5:20	183.983	0	26	RUN	3	563	REL	REL	80#	0#	1	SD40	0 KIPS	0.12
	183.971								80#	0#	2	SD40	11 KIPS	0.12
	183.958								80#	0#	3	GONDOLA	21 KIPS	0.12
	183.769								80#	0#	28	GONDOLA	19 KIPS	0.08
	183.610								80#	0#	49	GONDOLA	-15 KIPS	0.02
	183.436								80#	0#	72	GONDOLA	-28 KIPS	0.03
HELPERS	183.428								80#	0#	73	GM108	-41 KIPS	0.07
SDG M	184								80#	0#			-42 KIPS	0.08
0: 5:22	184.000	0	26	RUN	3	246	REL	REL	80#	0#	1	SD40	0 KIPS	0.12
	183.988								80#	0#	2	SD40	12 KIPS	0.12
	183.875								80#	0#	3	GONDOLA	23 KIPS	0.08
	183.786								80#	0#	28	GONDOLA	-14 KIPS	0.08
	183.627								80#	0#	49	GONDOLA	-27 KIPS	0.03
HELPERS	183.453								80#	0#	72	GONDOLA	-42 KIPS	0.07
183.445									80#	0#	73	GM108	10 KIPS	0.08

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAMBAR FORCES		L/V RATIO				
											FORE	AFT					
O: 5:30	184.058	0	27	RUN	3	241	REL	REL	80#	O#	52:20	12:2	1	SD40	0 KIPS	13 KIPS	0.12
	184.044								80#	O#			2	SD40	13 KIPS	26 KIPS	0.12
	184.032								80#	O#			3	GONDOLA	26 KIPS	25 KIPS	0.09
	183.842								80#	O#			28	GONDOLA	39 KIPS	38 KIPS	0.08
HELPERS	183.683								80#	O#			49	GONDOLA	-24 KIPS	-25 KIPS	0.03
	183.509								80#	O#			72	GONDOLA	-40 KIPS	-41 KIPS	0.07
	183.501								80#	O#			73	GM10B	-41 KIPS	11 KIPS	0.06
	183.501								80#	O#			1	SD40	0 KIPS	13 KIPS	0.00
O: 5:37	184.110	0	28	RUN	3	237	REL	REL	80#	O#	-40:73	09:43	2	SD40	13 KIPS	28 KIPS	0.00
	184.088								80#	O#			3	GONDOLA	28 KIPS	25 KIPS	0.00
	184.085								80#	O#			28	GONDOLA	11 KIPS	13 KIPS	0.08
	183.896								80#	O#			49	GONDOLA	-17 KIPS	-18 KIPS	0.02
HELPERS	183.737								80#	O#			72	GONDOLA	-39 KIPS	-40 KIPS	0.07
	183.593								80#	O#			73	GM10B	-40 KIPS	11 KIPS	0.06
	183.555								80#	O#							
	183.555								80#	O#							
-----> RUN 4																	
O: 5:38	184.118	0	28	RUN	4	245	REL	REL	80#	O#	-40:73	09:43	1	SD40	0 KIPS	12 KIPS	0.00
	184.105								80#	O#			2	SD40	12 KIPS	25 KIPS	0.00
	184.093								80#	O#			3	GONDOLA	25 KIPS	24 KIPS	0.00
	183.904								80#	O#			28	GONDOLA	5 KIPS	5 KIPS	0.08
HELPERS	183.745								80#	O#			49	GONDOLA	-18 KIPS	-19 KIPS	0.02
	183.570								80#	O#			72	GONDOLA	-39 KIPS	-40 KIPS	0.07
	183.563								80#	O#			73	GM10B	-40 KIPS	1 KIPS	0.06
	183.563								80#	O#							
-----> TRAIN ENTERING 1.31 % GRADE																	
O: 5:40	184.133	0	28	RUN	4	271	REL	REL	80#	O#	-48:73	09:45	1	SD40	0 KIPS	9 KIPS	0.00
	184.121								80#	O#			2	SD40	9 KIPS	22 KIPS	0.00
	184.108								80#	O#			3	GONDOLA	22 KIPS	22 KIPS	0.00
	183.919								80#	O#			28	GONDOLA	4 KIPS	3 KIPS	0.08
HELPERS	183.780								80#	O#			49	GONDOLA	-23 KIPS	-24 KIPS	0.03
	183.588								80#	O#			72	GONDOLA	-47 KIPS	-48 KIPS	0.08
	183.578								80#	O#			73	GM10B	-48 KIPS	1 KIPS	0.07
	184.213	0	28	RUN	4	299	REL	REL	80#	O#	-87:11	11:54	1	SD40	0 KIPS	13 KIPS	0.00
O: 5:50	184.200								80#	O#			2	SD40	13 KIPS	25 KIPS	0.00
	184.188								80#	O#			3	GONDOLA	25 KIPS	22 KIPS	0.00
	183.998								80#	O#			28	GONDOLA	-37 KIPS	-34 KIPS	0.09
	183.840								80#	O#			49	GONDOLA	-45 KIPS	-48 KIPS	0.10
HELPERS	183.658								80#	O#			72	GONDOLA	-59 KIPS	-60 KIPS	0.11
	183.658								80#	O#			73	GM10B	-60 KIPS	6 KIPS	0.10
	183.658								80#	O#							
	183.658								80#	O#							
-----> TRAIN ENTERING 3.50 DEGREE CURVE																	
O: 6: 0	184.285	0	30	RUN	4	294	REL	REL	80#	O#	-81:67	13:58	1	SD40	0 KIPS	14 KIPS	0.10
	184.283								80#	O#			2	SD40	14 KIPS	27 KIPS	0.12
	184.270								80#	O#			3	GONDOLA	27 KIPS	38 KIPS	0.08
	184.081								80#	O#			28	GONDOLA	-58 KIPS	-58 KIPS	0.08
HELPERS	183.922								80#	O#			49	GONDOLA	-59 KIPS	-59 KIPS	0.12
	183.748								80#	O#			72	GONDOLA	-61 KIPS	-61 KIPS	0.11
	183.748								80#	O#			73	GM10B	-61 KIPS	8 KIPS	0.10
	183.740								80#	O#							

STATION TIME	MP	SPEED LMT	THLE RUN	AMPS REL	SETTING REL	BRAKES TRN IND	PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
O: 6:10	184.378	0	30	RUN	4	292	REL	REL	80W	0W	0 KIPS	13 KIPS	0.10
	184.386								80W	0W	13 KIPS	25 KIPS	0.12
	184.353								80W	0W	25 KIPS	22 KIPS	0.08
	184.184								80W	0W	-73 KIPS	-74 KIPS	0.08
	184.005								80W	0W	-89 KIPS	-88 KIPS	0.14
HELPERS	183.831								80W	0W	-81 KIPS	-81 KIPS	0.13
	183.823								80W	0W	0 KIPS	12 KIPS	0.10
	184.440	0	30	RUN	4	293	REL	REL	80W	0W	12 KIPS	25 KIPS	0.12
	184.428								80W	0W	25 KIPS	22 KIPS	0.08
	184.415								80W	0W	-64 KIPS	-67 KIPS	0.11
HELPERS	184.226								80W	0W	-87 KIPS	-86 KIPS	0.14
	184.067								80W	0W	-82 KIPS	-81 KIPS	0.13
	183.893								80W	0W	-81 KIPS	4 KIPS	0.12
	183.885								80W	0W	0 KIPS	13 KIPS	0.10
	184.448	0	29	RUN	6	308	REL	REL	80W	0W	13 KIPS	26 KIPS	0.12
HELPERS	184.436								80W	0W	26 KIPS	23 KIPS	0.08
	184.424								80W	0W	-53 KIPS	-56 KIPS	0.10
	184.234								80W	0W	-87 KIPS	-86 KIPS	0.10
	184.075								80W	0W	-82 KIPS	-81 KIPS	0.13
	183.901								80W	0W	0 KIPS	14 KIPS	0.10
HELPERS	183.893	0	29	RUN	6	317	REL	REL	80W	0W	14 KIPS	28 KIPS	0.12
	184.458								80W	0W	28 KIPS	25 KIPS	0.08
	184.444								80W	0W	-51 KIPS	-54 KIPS	0.14
	184.432								80W	0W	-89 KIPS	-87 KIPS	0.10
	184.242								80W	0W	-63 KIPS	-62 KIPS	0.13
HELPERS	184.083								80W	0W	-82 KIPS	0 KIPS	0.12
	183.908								80W	0W	0 KIPS	15 KIPS	0.10
	183.901	0	29	RUN	6	337	REL	REL	80W	0W	15 KIPS	31 KIPS	0.13
	184.460								80W	0W	31 KIPS	28 KIPS	0.10
	184.448								80W	0W	-47 KIPS	-51 KIPS	0.14
HELPERS	184.436								80W	0W	-92 KIPS	-90 KIPS	0.10
	184.246								80W	0W	-85 KIPS	-85 KIPS	0.14
	184.087								80W	0W	0 KIPS	28 KIPS	0.12
	183.913								80W	0W	28 KIPS	55 KIPS	0.14
	183.905	0	29	RUN	6	474	REL	REL	80W	0W	55 KIPS	52 KIPS	0.13
HELPERS	184.541								80W	0W	-48 KIPS	-51 KIPS	0.14
	184.529								80W	0W	-109 KIPS	-110 KIPS	0.12
	184.517								80W	0W	-81 KIPS	-90 KIPS	0.17
	184.327								80W	0W	-80 KIPS	6 KIPS	0.13
	184.168								80W	0W	0 KIPS	13 KIPS	0.10
HELPERS	183.994								80W	0W	13 KIPS	26 KIPS	0.12
	183.986								80W	0W	26 KIPS	23 KIPS	0.08
	184.448	0	29	RUN	6	1111	REL	REL	80W	0W	23 KIPS	20 KIPS	0.10
	184.436								80W	0W	-53 KIPS	-56 KIPS	0.10
	184.242								80W	0W	-87 KIPS	-86 KIPS	0.10

-----> TRAIN ENTERING 0.00 DEGREE CURVE

STATION TIME	MP	SPEED LMT	THYLE RUN	AMPS REL	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0: 8:40	184.821	0	28	RUN 6	483	REL	REL	80#	0#	-110:61 .18:45	1	SD40	0 KIPS	0.10
	184.808							80#	0#		2	SD40	29 KIPS	0.14
	184.596							80#	0#		3	GONDOLA	58 KIPS	0.13
	184.407							80#	0#		28	GONDOLA	-23 KIPS	0.09
	184.248							80#	0#		48	GONDOLA	-89 KIPS	0.17
	184.073							80#	0#		72	GONDOLA	-93 KIPS	0.17
HELPERS	184.056							80#	0#		73	GM108	5 KIPS	0.14
-----> TRAIN ENTERING 4.00 DEGREE CURVE														
0: 8:50	184.897	0	27	RUN 6	501	REL	REL	80#	0#	-104:67 .17:3	1	SD40	0 KIPS	0.13
	184.885							80#	0#		2	SD40	31 KIPS	0.15
	184.873							80#	0#		3	GONDOLA	62 KIPS	0.17
	184.483							80#	0#		28	GONDOLA	25 KIPS	0.08
	184.324							80#	0#		48	GONDOLA	-64 KIPS	0.16
	184.150							80#	0#		72	GONDOLA	-93 KIPS	0.16
HELPERS	184.142							80#	0#		73	GM108	11 KIPS	0.14
0: 7: 0	184.770	0	25	RUN 6	1130	REL	REL	80#	0#	-89:73 .18:70	1	SD40	0 KIPS	0.11
	184.758							80#	0#		2	SD40	33 KIPS	0.15
	184.745							80#	0#		3	GONDOLA	85 KIPS	0.15
	184.658							80#	0#		28	GONDOLA	15 KIPS	0.08
	184.397							80#	0#		49	GONDOLA	-37 KIPS	0.10
	184.222							80#	0#		72	GONDOLA	-87 KIPS	0.14
HELPERS	184.215							80#	0#		73	GM108	12 KIPS	0.12
0: 7:10	184.839	0	24	RUN 6	1143	REL	REL	80#	0#	-88:73 .22:72	1	SD40	0 KIPS	0.12
	184.826							80#	0#		2	SD40	34 KIPS	0.15
	184.814							80#	0#		3	GONDOLA	69 KIPS	0.16
	184.625							80#	0#		28	GONDOLA	12 KIPS	0.08
	184.465							80#	0#		49	GONDOLA	-38 KIPS	0.10
	184.291							80#	0#		72	GONDOLA	-88 KIPS	0.22
HELPERS	184.284							80#	0#		73	GM108	12 KIPS	0.15
0: 7:20	184.903	0	23	RUN 6	1157	REL	REL	80#	0#	-90:73 .18:72	1	SD40	0 KIPS	0.12
	184.891							80#	0#		2	SD40	38 KIPS	0.15
	184.878							80#	0#		3	GONDOLA	73 KIPS	0.12
	184.689							80#	0#		28	GONDOLA	15 KIPS	0.08
	184.530							80#	0#		49	GONDOLA	-34 KIPS	0.11
	184.358							80#	0#		72	GONDOLA	-88 KIPS	0.16
HELPERS	184.348							80#	0#		73	GM108	-90 KIPS	0.14
-----> TRAIN ENTERING 0.00 DEGREE CURVE														
0: 7:30	184.964	0	21	RUN 6	590	REL	REL	80#	0#	-92:73 .18:72	1	SD40	0 KIPS	0.12
	184.952							80#	0#		2	SD40	39 KIPS	0.15
	184.940							80#	0#		3	GONDOLA	77 KIPS	0.12
	184.750							80#	0#		28	GONDOLA	15 KIPS	0.10
	184.591							80#	0#		49	GONDOLA	-38 KIPS	0.11
	184.417							80#	0#		72	GONDOLA	-89 KIPS	0.18
HELPERS	184.409							80#	0#		73	GM108	12 KIPS	0.14

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	IND	PIPE	CYL	REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
												DRABAR FORCES FORE	AFT	
O: 7:40	185.022	0	20	RUN	6	626	REL	REL	-92:73 .18:72	1	SD40	0 KIPS	42 KIPS	0.08
	185.010									2	SD40	42 KIPS	84 KIPS	0.11
	184.997									3	GONDOLA	84 KIPS	81 KIPS	0.08
	184.808									28	GONDOLA	26 KIPS	24 KIPS	0.10
HELPERS O: 7:50	184.849									49	GONDOLA	-33 KIPS	-35 KIPS	0.09
	184.475									72	GONDOLA	-89 KIPS	-92 KIPS	0.18
	184.467									73	GM108	-92 KIPS	13 KIPS	0.14
	185.078	0	19	RUN	6	990	REL	REL	-93:73 .18:72	1	SD40	0 KIPS	44 KIPS	0.08
HELPERS O: 8:0	185.084									2	SD40	44 KIPS	89 KIPS	0.12
	185.052									3	GONDOLA	89 KIPS	88 KIPS	0.08
	184.862									28	GONDOLA	26 KIPS	23 KIPS	0.10
	184.703									49	GONDOLA	-37 KIPS	-40 KIPS	0.11
HELPERS O: 8:10	184.529									72	GONDOLA	-81 KIPS	-93 KIPS	0.18
	184.521									73	GM108	-93 KIPS	13 KIPS	0.14
	185.128	0	18	RUN	6	1201	REL	REL	96:3 .17:72	1	SD40	0 KIPS	48 KIPS	0.08
	185.115									2	SD40	48 KIPS	98 KIPS	0.10
HELPERS O: 8:20	185.103									3	GONDOLA	98 KIPS	93 KIPS	0.07
	184.914									28	GONDOLA	35 KIPS	32 KIPS	0.10
	184.755									49	GONDOLA	-29 KIPS	-32 KIPS	0.11
	184.580									72	GONDOLA	-80 KIPS	-93 KIPS	0.17
HELPERS O: 8:30	184.573									73	GM108	-93 KIPS	13 KIPS	0.14
	185.178	0	17	RUN	6	1204	REL	REL	101:3 .17:69	1	SD40	0 KIPS	50 KIPS	0.08
	185.164									2	SD40	50 KIPS	101 KIPS	0.10
	185.152									3	GONDOLA	101 KIPS	98 KIPS	0.08
HELPERS O: 8:40	184.962									28	GONDOLA	30 KIPS	28 KIPS	0.08
	184.803									49	GONDOLA	-32 KIPS	-35 KIPS	0.11
	184.629									72	GONDOLA	-91 KIPS	-93 KIPS	0.17
	184.621									73	GM108	-93 KIPS	11 KIPS	0.14
HELPERS O: 8:50	185.222	0	16	RUN	6	1208	REL	REL	108:3 .24:72	1	SD40	0 KIPS	54 KIPS	0.08
	185.210									2	SD40	54 KIPS	108 KIPS	0.11
	185.198									3	GONDOLA	108 KIPS	105 KIPS	0.08
	185.008									28	GONDOLA	42 KIPS	39 KIPS	0.06
HELPERS O: 9:00	184.849									49	GONDOLA	-27 KIPS	-30 KIPS	0.11
	184.675									72	GONDOLA	-91 KIPS	-93 KIPS	0.24
	184.667									73	GM108	-93 KIPS	13 KIPS	0.24
	185.268	0	15	RUN	6	1211	REL	REL	113:3 .25:72	1	SD40	0 KIPS	56 KIPS	0.10
HELPERS O: 9:10	185.254									2	SD40	56 KIPS	113 KIPS	0.11
	185.242									3	GONDOLA	113 KIPS	110 KIPS	0.08
	185.052									28	GONDOLA	41 KIPS	38 KIPS	0.08
	184.893									49	GONDOLA	-25 KIPS	-28 KIPS	0.11
HELPERS O: 9:20	184.719									72	GONDOLA	-91 KIPS	-94 KIPS	0.24
	184.711									73	GM108	-94 KIPS	3 KIPS	0.24

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	AFT	
O: 8:33	185.279	0	15	RUN	8	816	REL	REL	80#	0#	0#	57 KIPS	0.10
	185.287								80#	0#	0#	115 KIPS	0.10
	185.254								80#	0#	0#	112 KIPS	0.08
	185.085								80#	0#	0#	40 KIPS	0.07
	184.908								80#	0#	0#	-25 KIPS	0.11
	184.732								80#	0#	0#	-93 KIPS	0.25
HELPERS	184.724								80#	0#	0#	14 KIPS	0.24
-----> RUN 8													
-----> CONTINUE FOR 300 SECONDS													
O: 8:34	185.283	0	15	RUN	8	835	REL	REL	80#	0#	0#	58 KIPS	0.10
	185.271								80#	0#	0#	116 KIPS	0.10
	185.259								80#	0#	0#	113 KIPS	0.08
	35.089								80#	0#	0#	42 KIPS	0.07
	184.910								80#	0#	0#	-20 KIPS	0.11
	184.738								80#	0#	0#	-93 KIPS	0.24
HELPERS	184.728								80#	0#	0#	3 KIPS	0.23
O: 8:35	185.287	0	15	RUN	8	839	REL	REL	80#	0#	0#	58 KIPS	0.10
	185.275								80#	0#	0#	116 KIPS	0.10
	185.283								80#	0#	0#	114 KIPS	0.08
	185.073								80#	0#	0#	43 KIPS	0.07
	184.914								80#	0#	0#	-19 KIPS	0.02
	184.740								80#	0#	0#	-97 KIPS	0.25
HELPERS	184.732								80#	0#	0#	0 KIPS	0.24
O: 8:40	185.308	0	15	RUN	8	859	REL	REL	80#	0#	0#	59 KIPS	0.10
	185.298								80#	0#	0#	119 KIPS	0.10
	185.283								80#	0#	0#	118 KIPS	0.08
	185.084								80#	0#	0#	45 KIPS	0.07
	184.935								80#	0#	0#	-42 KIPS	0.09
	184.781								80#	0#	0#	-131 KIPS	0.30
HELPERS	184.753								80#	0#	0#	15 KIPS	0.31
O: 8:50	185.349	0	15	RUN	8	855	REL	REL	80#	0#	0#	59 KIPS	0.10
	185.337								80#	0#	0#	118 KIPS	0.10
	185.325								80#	0#	0#	115 KIPS	0.08
	185.135								80#	0#	0#	33 KIPS	0.07
	184.978								80#	0#	0#	-56 KIPS	0.12
	184.802								80#	0#	0#	-133 KIPS	0.30
HELPERS	184.794								80#	0#	0#	13 KIPS	0.31
O: 9: 0	185.390	0	14	RUN	8	878	REL	REL	80#	0#	0#	60 KIPS	0.10
	185.377								80#	0#	0#	121 KIPS	0.10
	185.385								80#	0#	0#	117 KIPS	0.08
	185.176								80#	0#	0#	38 KIPS	0.07
	185.017								80#	0#	0#	-45 KIPS	0.10
	184.842								80#	0#	0#	-132 KIPS	0.30
HELPERS	184.835								80#	0#	0#	15 KIPS	0.31
-----> TRAIN ENTERING 0.00 DEGREE CURVE													

QCM D-70-E/5/

STATION TIME	MP	SPEED LMT RUN	THITLE	AMPS TRN	IND	BRAKES PIPE CYL	SETTING REL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
												DRAMBAR FORCES FORE	AFT	
O: 9:10	185.430	0	14	RUN 8	873	REL	REL	80# 0#	-132:73 .31:73	1	SD40	0 KIPS	80 KIPS	0.10
	185.417							80# 0#		2	SD40	80 KIPS	121 KIPS	0.17
	185.405							80# 0#		3	GONDOLA	121 KIPS	117 KIPS	0.12
	185.218							80# 0#		28	GONDOLA	32 KIPS	28 KIPS	0.07
	185.057							80# 0#		49	GONDOLA	-52 KIPS	-56 KIPS	0.11
HELPERS O: 9:20	184.882							80# 0#		72	GONDOLA	-129 KIPS	-132 KIPS	0.30
	184.875							80# 0#		73	GM108	-132 KIPS	14 KIPS	0.31
	184.875							80# 0#		1	SD40	0 KIPS	62 KIPS	0.00
	185.469	0	14	RUN 8	889	REL	REL	80# 0#	-132:73 .33:72	2	SD40	82 KIPS	123 KIPS	0.00
	185.457							80# 0#		3	GONDOLA	123 KIPS	120 KIPS	0.07
HELPERS O: 9:30	185.445							80# 0#		28	GONDOLA	43 KIPS	39 KIPS	0.07
	185.255							80# 0#		49	GONDOLA	-49 KIPS	-52 KIPS	0.10
	185.088							80# 0#		72	GONDOLA	-129 KIPS	-132 KIPS	0.33
	184.922							80# 0#		73	GM108	-132 KIPS	16 KIPS	0.32
	184.914							80# 0#						
-----> TRAIN ENTERING 3.00 DEGREE CURVE														
O: 9:40	185.509	0	14	RUN 8	884	REL	REL	80# 0#	-132:73 .25:72	1	SD40	0 KIPS	81 KIPS	0.17
	185.497							80# 0#		2	SD40	81 KIPS	122 KIPS	0.12
	185.484							80# 0#		3	GONDOLA	122 KIPS	119 KIPS	0.08
	185.285							80# 0#		28	GONDOLA	38 KIPS	34 KIPS	0.07
	185.138							80# 0#		49	GONDOLA	-51 KIPS	-54 KIPS	0.11
HELPERS O: 9:50	184.962							80# 0#		72	GONDOLA	-128 KIPS	-132 KIPS	0.25
	184.954							80# 0#		73	GM108	-132 KIPS	15 KIPS	0.18
	185.548	0	14	RUN 8	896	REL	REL	80# 0#	-132:73 .22:72	1	SD40	0 KIPS	82 KIPS	0.12
	185.536							80# 0#		2	SD40	82 KIPS	124 KIPS	0.12
	185.524							80# 0#		3	GONDOLA	124 KIPS	120 KIPS	0.08
HELPERS O: 10:00	185.334							80# 0#		28	GONDOLA	43 KIPS	40 KIPS	0.07
	185.175							80# 0#		49	GONDOLA	-48 KIPS	-52 KIPS	0.10
	185.001							80# 0#		72	GONDOLA	-129 KIPS	-132 KIPS	0.22
	184.993							80# 0#		73	GM108	-132 KIPS	15 KIPS	0.12
	185.587	0	14	RUN 8	893	REL	REL	80# 0#	-132:73 .21:72	1	SD40	0 KIPS	62 KIPS	0.12
HELPERS O: 10:10	185.575							80# 0#		2	SD40	82 KIPS	123 KIPS	0.11
	185.563							80# 0#		3	GONDOLA	123 KIPS	120 KIPS	0.08
	185.373							80# 0#		28	GONDOLA	38 KIPS	35 KIPS	0.07
	185.214							80# 0#		49	GONDOLA	-48 KIPS	-52 KIPS	0.10
	185.040							80# 0#		72	GONDOLA	-129 KIPS	-132 KIPS	0.21
HELPERS O: 10:20	185.032							80# 0#		73	GM108	-132 KIPS	15 KIPS	0.12
	185.032							80# 0#		1	SD40	0 KIPS	62 KIPS	0.12
	185.626	0	14	RUN 8	902	REL	REL	80# 0#	-132:73 .21:72	2	SD40	82 KIPS	125 KIPS	0.12
	185.614							80# 0#		3	GONDOLA	125 KIPS	121 KIPS	0.08
	185.601							80# 0#		28	GONDOLA	41 KIPS	38 KIPS	0.07
HELPERS O: 10:30	185.412							80# 0#		49	GONDOLA	-48 KIPS	-50 KIPS	0.10
	185.253							80# 0#		72	GONDOLA	-128 KIPS	-132 KIPS	0.21
	185.079							80# 0#		73	GM108	-132 KIPS	14 KIPS	0.12
	185.071							80# 0#						
	185.071							80# 0#						
-----> TRAIN ENTERING 0.53 % GRADE														

-----> TRAIN ENTERING 0.53 % GRADE

STATION TIME	MP	SPEED LMT RUN	THTLE RUN 8	AMPS TRN INO PIPE	BRAKES SETTING PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
									DRANBAR FORCES FORE	AFT			
O:10:10	185.885	0	14	RUN 8	899 REL REL	80# 0#	-132:73	.21:72	1	SD40	0 KIPS	65 KIPS	0.12
	185.853					80# 0#			2	SD40	65 KIPS	130 KIPS	0.12
	185.840					80# 0#			3	GONDOLA	130 KIPS	129 KIPS	0.09
	185.451					80# 0#			28	GONDOLA	44 KIPS	41 KIPS	0.00
	185.292					80# 0#			49	GONDOLA	-50 KIPS	-54 KIPS	0.11
HELPERS	185.117					80# 0#			72	GONDOLA	-132 KIPS	-132 KIPS	0.21
	185.110					80# 0#			73	GM108	-132 KIPS	15 KIPS	0.12
	-----> TRAIN ENTERING 0.00 DEGREE CURVE												
	185.704	0	14	RUN 8	898 REL REL	80# 0#	-132:73	.24:72	1	SD40	0 KIPS	65 KIPS	0.12
	185.691					80# 0#			2	SD40	65 KIPS	131 KIPS	0.20
O:10:20	185.679					80# 0#			3	GONDOLA	131 KIPS	129 KIPS	0.14
	185.480					80# 0#			28	GONDOLA	44 KIPS	41 KIPS	0.07
	185.331					80# 0#			49	GONDOLA	-41 KIPS	-45 KIPS	0.10
	185.156					80# 0#			72	GONDOLA	-128 KIPS	-132 KIPS	0.24
	185.149					80# 0#			73	GM108	-132 KIPS	4 KIPS	0.17
O:10:30	185.743	0	14	RUN 8	1680 REL REL	80# 0#	-132:73	.21:72	1	SD40	0 KIPS	65 KIPS	0.00
	185.731					80# 0#			2	SD40	65 KIPS	129 KIPS	0.03
	185.718					80# 0#			3	GONDOLA	129 KIPS	127 KIPS	0.09
	185.529					80# 0#			28	GONDOLA	55 KIPS	51 KIPS	0.08
	185.370					80# 0#			49	GONDOLA	-43 KIPS	-47 KIPS	0.08
HELPERS	185.195					80# 0#			72	GONDOLA	-128 KIPS	-132 KIPS	0.21
	185.188					80# 0#			73	GM108	-132 KIPS	16 KIPS	0.12
	185.783	0	15	RUN 8	1680 REL REL	80# 0#	-132:73	.21:72	1	SD40	0 KIPS	64 KIPS	0.00
	185.770					80# 0#			2	SD40	64 KIPS	128 KIPS	0.00
	185.758					80# 0#			3	GONDOLA	128 KIPS	127 KIPS	0.00
O:10:40	185.569					80# 0#			28	GONDOLA	56 KIPS	52 KIPS	0.08
	185.410					80# 0#			49	GONDOLA	-37 KIPS	-41 KIPS	0.08
	185.235					80# 0#			72	GONDOLA	-128 KIPS	-132 KIPS	0.21
	185.228					80# 0#			73	GM108	-132 KIPS	4 KIPS	0.12
	-----> TRAIN ENTERING 3.00 DEGREE CURVE												
O:10:50	185.824	0	15	RUN 8	854 REL REL	80# 0#	-131:73	.21:72	1	SD40	0 KIPS	62 KIPS	0.17
	185.811					80# 0#			2	SD40	62 KIPS	124 KIPS	0.11
	185.798					80# 0#			3	GONDOLA	124 KIPS	122 KIPS	0.05
	185.610					80# 0#			28	GONDOLA	65 KIPS	61 KIPS	0.08
	185.451					80# 0#			49	GONDOLA	-34 KIPS	-38 KIPS	0.04
HELPERS	185.276					80# 0#			72	GONDOLA	-127 KIPS	-131 KIPS	0.21
	185.269					80# 0#			73	GM108	-131 KIPS	16 KIPS	0.12
	185.888	0	15	RUN 8	1680 REL REL	80# 0#	-131:73	.25:2	1	SD40	0 KIPS	60 KIPS	0.17
	185.853					80# 0#			2	SD40	60 KIPS	120 KIPS	0.25
	185.841					80# 0#			3	GONDOLA	120 KIPS	119 KIPS	0.20
O:11:0	185.641					80# 0#			28	GONDOLA	63 KIPS	59 KIPS	0.08
	185.652					80# 0#			49	GONDOLA	-33 KIPS	-37 KIPS	0.08
	185.493					80# 0#			72	GONDOLA	-127 KIPS	-131 KIPS	0.21
	185.318					80# 0#			73	GM108	-131 KIPS	16 KIPS	0.12
	185.311					80# 0#							

STATION TIME	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	BRAKES IND PIPE	SETTING CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRANBAR FORCES FORE	DRANBAR FORCES AFT	
0:11:10	185.909	0	18	RUN 8	808	REL	REL	80# 0# -131:73 .24:72	1	SD40	0 KIPS	57 KIPS	0.10
	185.897				80# 0#			80# 0#	2	SD40	57 KIPS	115 KIPS	0.12
	185.885				80# 0#			80# 0#	3	GONDOLA	115 KIPS	113 KIPS	0.09
	185.895				80# 0#			80# 0#	28	GONDOLA	62 KIPS	60 KIPS	0.08
HELPERS 0:11:20	185.536				80# 0#			80# 0#	49	GONDOLA	-29 KIPS	-33 KIPS	0.09
	185.362				80# 0#			80# 0#	72	GONDOLA	-126 KIPS	-131 KIPS	0.24
	185.354				80# 0#			80# 0#	73	GM108	-131 KIPS	16 KIPS	0.16
	185.954	0	17	RUN 8	1678	REL	REL	80# 0# -131:73 .24:72	1	SD40	0 KIPS	55 KIPS	0.10
0:11:20	185.942				80# 0#			80# 0#	2	SD40	55 KIPS	111 KIPS	0.12
	185.930				80# 0#			80# 0#	3	GONDOLA	111 KIPS	108 KIPS	0.08
	185.740				80# 0#			80# 0#	28	GONDOLA	51 KIPS	48 KIPS	0.00
	185.581				80# 0#			80# 0#	49	GONDOLA	-31 KIPS	-36 KIPS	0.09
HELPERS 0:11:30	185.407				80# 0#			80# 0#	72	GONDOLA	-127 KIPS	-131 KIPS	0.24
	185.399				80# 0#			80# 0#	73	GM108	-131 KIPS	16 KIPS	0.17
	185.001	0	17	RUN 8	1678	REL	REL	80# 0# -131:73 .20:72	1	SD40	0 KIPS	53 KIPS	0.10
	185.977				80# 0#			80# 0#	2	SD40	53 KIPS	106 KIPS	0.12
0:11:30	185.787				80# 0#			80# 0#	3	GONDOLA	106 KIPS	103 KIPS	0.08
	185.628				80# 0#			80# 0#	28	GONDOLA	47 KIPS	45 KIPS	0.00
	185.454				80# 0#			80# 0#	49	GONDOLA	-21 KIPS	-26 KIPS	0.08
	185.448				80# 0#			80# 0#	72	GONDOLA	-126 KIPS	-131 KIPS	0.20
HELPERS 0:11:40	185.050	0	18	RUN 8	1677	REL	REL	80# 0# -130:73 .28:72	1	GM108	-131 KIPS	17 KIPS	0.18
	186.038				80# 0#			80# 0#	2	SD40	0 KIPS	50 KIPS	0.10
	186.026				80# 0#			80# 0#	3	SD40	50 KIPS	100 KIPS	0.12
	185.838				80# 0#			80# 0#	28	GONDOLA	100 KIPS	98 KIPS	0.08
0:11:40	185.677				80# 0#			80# 0#	49	GONDOLA	34 KIPS	31 KIPS	0.07
	185.503				80# 0#			80# 0#	72	GONDOLA	-25 KIPS	-28 KIPS	0.08
	185.495				80# 0#			80# 0#	73	GONDOLA	-125 KIPS	-130 KIPS	0.28
	186.102	0	19	RUN 8	1676	REL	REL	80# 0# -129:73 .25:72	1	GM108	-130 KIPS	2 KIPS	0.19
HELPERS 0:11:50	186.089				80# 0#			80# 0#	2	SD40	0 KIPS	48 KIPS	0.10
	186.077				80# 0#			80# 0#	3	SD40	48 KIPS	95 KIPS	0.12
	185.888				80# 0#			80# 0#	28	GONDOLA	95 KIPS	93 KIPS	0.08
	185.729				80# 0#			80# 0#	49	GONDOLA	28 KIPS	25 KIPS	0.07
0:12:00	185.554				80# 0#			80# 0#	72	GONDOLA	-39 KIPS	-42 KIPS	0.08
	185.547				80# 0#			80# 0#	73	GM108	-124 KIPS	-129 KIPS	0.25
	186.155	0	20	RUN 8	1676	REL	REL	80# 0# -129:73 .25:72	1	GM108	-129 KIPS	3 KIPS	0.15
	186.143				80# 0#			80# 0#	2	SD40	0 KIPS	45 KIPS	0.09
HELPERS 0:12:00	186.131				80# 0#			80# 0#	3	SD40	45 KIPS	90 KIPS	0.11
	185.941				80# 0#			80# 0#	28	GONDOLA	90 KIPS	87 KIPS	0.08
	185.782				80# 0#			80# 0#	49	GONDOLA	17 KIPS	14 KIPS	0.07
	185.608				80# 0#			80# 0#	72	GONDOLA	-50 KIPS	-52 KIPS	0.06
HELPERS 185.600					80# 0#			80# 0#	73	GM108	-124 KIPS	-129 KIPS	0.25
-----> TRAIN ENTERING 0.00 DEGREE CURVE													

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	AFT	
0:12:10	186.211	0	20	RUN 8	628	REL	REL	80# 0#	1	SD40	0 KIPS	42 KIPS	0.09
	186.199							80# 0#	2	SD40	42 KIPS	84 KIPS	0.14
	186.187							80# 0#	3	GONDOLA	84 KIPS	81 KIPS	0.14
	185.997							80# 0#	28	GONDOLA	34 KIPS	40 KIPS	0.07
	185.838							80# 0#	49	GONDOLA	-58 KIPS	-61 KIPS	0.14
HELPERS 0:12:20	185.664							80# 0#	72	GONDOLA	-124 KIPS	-129 KIPS	0.25
	185.657							80# 0#	73	GM108	-128 KIPS	-31 KIPS	0.14
	186.269	0	21	RUN 8	897	REL	REL	80# 0#	1	SD40	0 KIPS	41 KIPS	0.00
	186.257							80# 0#	2	SD40	41 KIPS	83 KIPS	0.00
	186.245							80# 0#	3	GONDOLA	83 KIPS	81 KIPS	0.00
HELPERS 0:12:30	186.055							80# 0#	28	GONDOLA	33 KIPS	31 KIPS	0.07
	185.896							80# 0#	49	GONDOLA	-58 KIPS	-81 KIPS	0.15
	185.722							80# 0#	72	GONDOLA	-129 KIPS	-132 KIPS	0.23
	185.714							80# 0#	73	GM108	-132 KIPS	15 KIPS	0.20
	185.714							80# 0#					
-----> TRAIN ENTERING 0.98 % GRADE													
-----> TRAIN ENTERING 3.00 DEGREE CURVE													
0:12:30	186.330	0	22	RUN 8	585	REL	REL	80# 0#	1	SD40	0 KIPS	39 KIPS	0.09
	186.318							80# 0#	2	SD40	39 KIPS	78 KIPS	0.00
	186.305							80# 0#	3	GONDOLA	78 KIPS	76 KIPS	0.00
	186.116							80# 0#	28	GONDOLA	-78 KIPS	-78 KIPS	0.08
	185.957							80# 0#	49	GONDOLA	-74 KIPS	-77 KIPS	0.16
HELPERS 0:12:40	185.753							80# 0#	72	GONDOLA	-131 KIPS	-134 KIPS	0.22
	185.778							80# 0#	73	GM108	-134 KIPS	13 KIPS	0.20
	186.393	0	23	RUN 8	1672	REL	REL	80# 0#	1	SD40	0 KIPS	35 KIPS	0.08
	186.381							80# 0#	2	SD40	35 KIPS	70 KIPS	0.13
	186.369							80# 0#	3	GONDOLA	70 KIPS	68 KIPS	0.15
HELPERS 0:12:50	186.179							80# 0#	28	GONDOLA	-44 KIPS	-48 KIPS	0.06
	186.020							80# 0#	49	GONDOLA	-64 KIPS	-67 KIPS	0.15
	185.846							80# 0#	72	GONDOLA	-129 KIPS	-132 KIPS	0.27
	185.838							80# 0#	73	GM108	-132 KIPS	14 KIPS	0.30
	186.458	0	24	RUN 8	1671	REL	REL	80# 0#	1	SD40	0 KIPS	34 KIPS	0.08
HELPERS 0:13:0	186.446							80# 0#	2	SD40	34 KIPS	67 KIPS	0.13
	186.434							80# 0#	3	GONDOLA	67 KIPS	63 KIPS	0.15
	186.245							80# 0#	28	GONDOLA	-36 KIPS	-31 KIPS	0.03
	186.085							80# 0#	49	GONDOLA	-73 KIPS	-75 KIPS	0.16
	185.811							80# 0#	72	GONDOLA	-130 KIPS	-133 KIPS	0.27
HELPERS 0:13:0	185.804							80# 0#	73	GM108	-133 KIPS	4 KIPS	0.31
	186.526	0	24	RUN 8	1671	REL	REL	80# 0#	1	SD40	0 KIPS	33 KIPS	0.08
	186.513							80# 0#	2	SD40	33 KIPS	65 KIPS	0.13
	186.501							80# 0#	3	GONDOLA	65 KIPS	62 KIPS	0.15
	186.312							80# 0#	28	GONDOLA	-25 KIPS	-28 KIPS	0.03
HELPERS 0:13:0	186.153							80# 0#	49	GONDOLA	-73 KIPS	-76 KIPS	0.17
	185.978							80# 0#	72	GONDOLA	-130 KIPS	-133 KIPS	0.27
	185.971							80# 0#	73	GM108	-133 KIPS	14 KIPS	0.31

STATION TIME	MP	SPEED LMT RUN	THTLT AMPS TRN IND PIPE	SETTING CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
									DRABAR FORCES FORE	AFT	
O:13:10	186.594	0	25	RUN 8	548	REL	REL	80#	0#	0#	0#
	186.582							80#	0#	0#	0#
	186.588							80#	0#	0#	0#
	186.580							80#	0#	0#	0#
	186.221							80#	0#	0#	0#
HELPERS O:13:20	186.047							80#	0#	0#	0#
	186.039							80#	0#	0#	0#
	186.863	0	25	RUN 8	1670	REL	REL	80#	0#	0#	0#
	186.851							80#	0#	0#	0#
	186.638							80#	0#	0#	0#
HELPERS O:13:30	186.449							80#	0#	0#	0#
	186.290							80#	0#	0#	0#
	186.115							80#	0#	0#	0#
	186.108							80#	0#	0#	0#
	186.722	0	25	RUN 8	1669	REL	REL	80#	0#	0#	0#
HELPERS O:13:33	186.720							80#	0#	0#	0#
	186.708							80#	0#	0#	0#
	186.518							80#	0#	0#	0#
	186.399							80#	0#	0#	0#
	186.185							80#	0#	0#	0#
HELPERS O:13:35	186.178							80#	0#	0#	0#
	186.753	0	25	RUN 8	1669	REL	REL	80#	0#	0#	0#
	186.741							80#	0#	0#	0#
	186.729							80#	0#	0#	0#
	186.539							80#	0#	0#	0#
HELPERS O:13:38	186.380							80#	0#	0#	0#
	186.208							80#	0#	0#	0#
	186.199							80#	0#	0#	0#
	186.760	0	25	RUN 8	1669	REL	REL	80#	0#	0#	0#
	186.748							80#	0#	0#	0#
HELPERS O:13:40	186.738							80#	0#	0#	0#
	186.548							80#	0#	0#	0#
	186.387							80#	0#	0#	0#
	186.213							80#	0#	0#	0#
	186.208	0	25	RUN 8	1615	REL	REL	80#	0#	0#	0#
HELPERS O:13:45	186.767							80#	0#	0#	0#
	186.755							80#	0#	0#	0#
	186.743							80#	0#	0#	0#
	186.553							80#	0#	0#	0#
	186.384							80#	0#	0#	0#
HELPERS O:13:50	186.220							80#	0#	0#	0#
	186.213							80#	0#	0#	0#
	186.760	0	25	RUN 8	1389	REL	REL	80#	0#	0#	0#
	186.748							80#	0#	0#	0#
	186.738							80#	0#	0#	0#

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAWBAR FORCES FORE	FORCES AFT	
O:13:40	186.802	0	25	RUN	8	528	REL	REL	80#	0#	0#	0#	0.00
	186.790								80#	0#	0#	0#	0.00
	186.778								80#	0#	0#	0#	0.00
	186.588								80#	0#	0#	0#	0.00
	186.429								80#	0#	0#	0#	0.00
HELPERS O:13:50	186.255								80#	0#	0#	0#	0.15
	186.247								80#	0#	0#	0#	0.15
	186.871	0	24	RUN	8	1149	REL	REL	80#	0#	0#	0#	0.00
	186.859								80#	0#	0#	0#	0.00
	186.846								80#	0#	0#	0#	0.00
HELPERS O:14:0	186.657								80#	0#	0#	0#	0.00
	186.498								80#	0#	0#	0#	0.00
	186.324								80#	0#	0#	0#	0.00
	186.316	0	24	RUN	8	1154	REL	REL	80#	0#	0#	0#	0.00
	186.938								80#	0#	0#	0#	0.00
HELPERS O:14:10	186.926								80#	0#	0#	0#	0.00
	186.914								80#	0#	0#	0#	0.00
	186.724								80#	0#	0#	0#	0.00
	186.565								80#	0#	0#	0#	0.00
	186.391								80#	0#	0#	0#	0.00
HELPERS O:14:11	186.383	0	23	RUN	8	1158	REL	REL	80#	0#	0#	0#	0.00
	186.992								80#	0#	0#	0#	0.00
	186.980								80#	0#	0#	0#	0.00
	186.780								80#	0#	0#	0#	0.00
	186.631								80#	0#	0#	0#	0.00
HELPERS O:14:12	186.457	0	23	RUN	8	1163	REL	REL	80#	0#	0#	0#	0.00
	186.449								80#	0#	0#	0#	0.00
	187.011								80#	0#	0#	0#	0.00
	186.998								80#	0#	0#	0#	0.00
	186.986								80#	0#	0#	0#	0.00
HELPERS O:14:13	186.797								80#	0#	0#	0#	0.00
	186.638								80#	0#	0#	0#	0.00
	186.493								80#	0#	0#	0#	0.00
	186.456	0	23	RUN	8	1164	REL	REL	80#	0#	0#	0#	0.00
	187.017								80#	0#	0#	0#	0.00
HELPERS O:14:14	187.006								80#	0#	0#	0#	0.00
	186.993								80#	0#	0#	0#	0.00
	186.803								80#	0#	0#	0#	0.00
	186.644								80#	0#	0#	0#	0.00
	186.470								80#	0#	0#	0#	0.00
HELPERS	186.482								80#	0#	0#	0#	0.00

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STATION TIME	MP	SPEED LMT	THLTL RUN	AMPS SETTL	BRKES IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO
0:14:20	187.069	0	23	RUN 6	589	REL REL	80# 0#	1	SD40	0 KIPS	0.00
	187.068						80# 0#	2	SD40	36 KIPS	0.00
	187.044						80# 0#	3	GONDOLA	72 KIPS	0.00
	186.885						80# 0#	28	GONDOLA	70 KIPS	0.00
	186.695						80# 0#	49	GONDOLA	18 KIPS	0.00
	186.521						80# 0#	72	GONDOLA	-37 KIPS	0.11
HELPERS	186.514						80# 0#	73	GONDOLA	-90 KIPS	0.20
0:14:30	187.132	0	23	RUN 6	1189	REL REL	80# 0#	1	GM108	13 KIPS	0.23
	187.119						80# 0#	2	SD40	37 KIPS	0.00
	187.107						80# 0#	3	SD40	74 KIPS	0.00
	186.918						80# 0#	28	GONDOLA	23 KIPS	0.00
	186.759						80# 0#	49	GONDOLA	21 KIPS	0.00
	186.584						80# 0#	72	GONDOLA	-31 KIPS	0.03
HELPERS	186.577						80# 0#	73	GONDOLA	-87 KIPS	0.20
0:14:40	187.194	0	22	RUN 6	1171	REL REL	80# 0#	1	GM108	13 KIPS	0.23
	187.182						80# 0#	2	SD40	37 KIPS	0.00
	187.169						80# 0#	3	SD40	74 KIPS	0.00
	186.980						80# 0#	28	GONDOLA	20 KIPS	0.00
	186.821						80# 0#	49	GONDOLA	-38 KIPS	0.04
	186.647						80# 0#	72	GONDOLA	-88 KIPS	0.20
HELPERS	186.639						80# 0#	73	GM108	-90 KIPS	0.23
0:14:50	187.255	0	22	RUN 6	1175	REL REL	80# 0#	1	SD40	0 KIPS	0.00
	187.243						80# 0#	2	SD40	38 KIPS	0.00
	187.231						80# 0#	3	GONDOLA	76 KIPS	0.00
	187.041						80# 0#	28	GONDOLA	22 KIPS	0.00
	186.852						80# 0#	49	GONDOLA	-25 KIPS	0.04
	186.708						80# 0#	72	GONDOLA	-88 KIPS	0.21
HELPERS	186.700						80# 0#	73	GM108	-91 KIPS	0.23
-----> TRAIN ENTERING 3.00 DEGREE CURVE											
0:15:0	187.316	0	22	RUN 6	588	REL REL	80# 0#	1	SD40	0 KIPS	0.12
	187.304						80# 0#	2	SD40	38 KIPS	0.13
	187.291						80# 0#	3	GONDOLA	74 KIPS	0.11
	187.102						80# 0#	28	GONDOLA	18 KIPS	0.00
	186.943						80# 0#	49	GONDOLA	-40 KIPS	0.05
	186.789						80# 0#	72	GONDOLA	-91 KIPS	0.14
HELPERS	186.781						80# 0#	73	GM108	2 KIPS	0.12
0:15:10	187.376	0	21	RUN 6	1180	REL REL	80# 0#	1	SD40	39 KIPS	0.09
	187.363						80# 0#	2	SD40	77 KIPS	0.13
	187.351						80# 0#	3	GONDOLA	75 KIPS	0.09
	187.162						80# 0#	28	GONDOLA	18 KIPS	0.00
	187.003						80# 0#	49	GONDOLA	-37 KIPS	0.05
	186.828						80# 0#	72	GONDOLA	-91 KIPS	0.14
HELPERS	186.821						80# 0#	73	GM108	13 KIPS	0.12
-----> TRAIN ENTERING 0.00 DEGREE CURVE											

STATION TIME	MP	SPEED LMT	THYLE RUN	AMPS SETTING	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER	FOR SPECIFIED VEHICLES DRANBAR FORCES		L/V RATIO			
					TRN	IND PIPE CYL				FORE	AFT				
O:15:20	187.435	0	21	RUN 6	602	REL	80# 0#	-92.73	14.72	1	SD40	0 KIPS	40 KIPS	0.09	
	187.423						80# 0#			2	SD40	40 KIPS	79 KIPS	0.14	
	187.410						80# 0#			3	GONDOLA	79 KIPS	77 KIPS	0.14	
	187.221						80# 0#			28	GONDOLA	20 KIPS	17 KIPS	0.00	
	187.082						80# 0#			49	GONDOLA	-39 KIPS	-39 KIPS	0.04	
HELPERS	186.887						80# 0#			72	GONDOLA	-89 KIPS	-92 KIPS	0.14	
	186.880						80# 0#			73	GM108	-92 KIPS	13 KIPS	0.12	
	-----> TRAIN ENTERING 0.00 % GRADE														
	-----> TRAIN ENTERING 4.50 DEGREE CURVE														
	O:15:30	187.493	0	21	RUN 6	606	REL	80# 0#	-92.73	15.72	1	SD40	0 KIPS	43 KIPS	0.14
187.481							80# 0#			2	SD40	43 KIPS	84 KIPS	0.01	
187.466							80# 0#			3	GONDOLA	84 KIPS	82 KIPS	0.00	
187.279							80# 0#			28	GONDOLA	17 KIPS	15 KIPS	0.07	
187.120							80# 0#			49	GONDOLA	-38 KIPS	-40 KIPS	0.05	
HELPERS	186.946						80# 0#			72	GONDOLA	-89 KIPS	-92 KIPS	0.14	
	186.938						80# 0#			73	GM108	-92 KIPS	12 KIPS	0.12	
	-----> TRAIN ENTERING 0.65 % GRADE														
	O:15:40	187.551	0	21	RUN 6	612	REL	80# 0#	-92.73	19.2	1	SD40	0 KIPS	43 KIPS	0.16
		187.539						80# 0#			2	SD40	43 KIPS	86 KIPS	0.19
187.526							80# 0#			3	GONDOLA	86 KIPS	86 KIPS	0.18	
187.337							80# 0#			28	GONDOLA	32 KIPS	29 KIPS	0.07	
187.178							80# 0#			49	GONDOLA	-33 KIPS	-36 KIPS	0.04	
HELPERS	187.003						80# 0#			72	GONDOLA	-89 KIPS	-92 KIPS	0.15	
	186.996						80# 0#			73	GM108	-92 KIPS	13 KIPS	0.12	
	187.608	0	21	RUN 6	614	REL	80# 0#	-92.73	18.2	1	SD40	0 KIPS	41 KIPS	0.14	
	187.596						80# 0#			2	SD40	41 KIPS	82 KIPS	0.16	
	187.584						80# 0#			3	GONDOLA	82 KIPS	80 KIPS	0.11	
HELPERS	187.394						80# 0#			28	GONDOLA	32 KIPS	28 KIPS	0.07	
	187.235						80# 0#			49	GONDOLA	-34 KIPS	-36 KIPS	0.04	
	187.081						80# 0#			72	GONDOLA	-80 KIPS	-92 KIPS	0.14	
	187.063						80# 0#			73	GM108	-92 KIPS	3 KIPS	0.12	
	187.686	0	21	RUN 6	615	REL	80# 0#	-92.73	16.2	1	SD40	0 KIPS	41 KIPS	0.14	
HELPERS	187.653						80# 0#			2	SD40	41 KIPS	82 KIPS	0.16	
	187.641						80# 0#			3	GONDOLA	82 KIPS	80 KIPS	0.11	
	187.452						80# 0#			28	GONDOLA	37 KIPS	35 KIPS	0.07	
	187.292						80# 0#			49	GONDOLA	-34 KIPS	-36 KIPS	0.08	
	187.116						80# 0#			72	GONDOLA	-89 KIPS	-92 KIPS	0.15	
HELPERS	187.111						80# 0#			73	GM108	-92 KIPS	13 KIPS	0.12	
	187.723	0	21	RUN 6	617	REL	80# 0#	-92.73	16.2	1	SD40	0 KIPS	41 KIPS	0.14	
	187.710						80# 0#			2	SD40	41 KIPS	82 KIPS	0.16	
	187.698						80# 0#			3	GONDOLA	82 KIPS	80 KIPS	0.11	
	187.509						80# 0#			28	GONDOLA	39 KIPS	36 KIPS	0.11	
HELPERS	187.350						80# 0#			49	GONDOLA	-28 KIPS	-30 KIPS	0.09	
	187.175						80# 0#			72	GONDOLA	-89 KIPS	-92 KIPS	0.14	
	187.168						30# 0#			73	GM108	-92 KIPS	13 KIPS	0.12	
	-----> TRAIN ENTERING 0.00 DEGREE CURVE														

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	PRESSURE IND	BRAKES PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRABAR FORCES AFT	FOR	
0:16:20	187.780	0	21	RUN 6	615	REL	-92:73 16:67	1	SD40	0 KIPS	41 KIPS	0.14
	187.768					REL		2	SD40	41 KIPS	82 KIPS	0.16
	187.755					REL		3	GONDOLA	82 KIPS	80 KIPS	0.11
	187.766					REL		28	GONDOLA	28 KIPS	23 KIPS	0.11
	187.407					REL		48	GONDOLA	-27 KIPS	-30 KIPS	0.08
	187.233					REL		72	GONDOLA	-88 KIPS	-92 KIPS	0.14
HELPERS	187.225					REL		73	GM10B	14 KIPS	14 KIPS	0.12
0:16:30	187.837	0	21	RUN 6	616	REL	-91:73 23:73	1	SD40	0 KIPS	42 KIPS	0.13
	187.825					REL		2	SD40	42 KIPS	83 KIPS	0.16
	187.813					REL		3	GONDOLA	83 KIPS	27 KIPS	0.12
	187.623					REL		28	GONDOLA	30 KIPS	-20 KIPS	0.11
	187.464					REL		48	GONDOLA	-17 KIPS	-20 KIPS	0.02
	187.290					REL		72	GONDOLA	-87 KIPS	-91 KIPS	0.21
HELPERS	187.282					REL		73	GM10B	13 KIPS	13 KIPS	0.23
0:16:40	187.895	0	21	RUN 6	609	REL	-91:73 23:73	1	SD40	0 KIPS	41 KIPS	0.00
	187.883					REL		2	SD40	41 KIPS	83 KIPS	0.00
	187.870					REL		3	GONDOLA	83 KIPS	81 KIPS	0.00
	187.681					REL		28	GONDOLA	28 KIPS	24 KIPS	0.11
	187.522					REL		48	GONDOLA	-36 KIPS	-38 KIPS	0.12
	187.347					REL		72	GONDOLA	-88 KIPS	-91 KIPS	0.21
HELPERS	187.340					REL		73	GM10B	3 KIPS	3 KIPS	0.23
0:16:50	187.953	0	21	RUN 6	605	REL	-91:73 23:73	1	SD40	0 KIPS	41 KIPS	0.00
	187.941					REL		2	SD40	41 KIPS	81 KIPS	0.00
	187.928					REL		3	GONDOLA	81 KIPS	78 KIPS	0.00
	187.738					REL		28	GONDOLA	32 KIPS	30 KIPS	0.11
	187.560					REL		48	GONDOLA	-35 KIPS	-37 KIPS	0.12
HELPERS	187.406					REL		72	GONDOLA	-88 KIPS	-91 KIPS	0.21
0:17:0	188.012	0	21	RUN 6	597	REL	-91:73 22:58	1	SD40	0 KIPS	40 KIPS	0.15
-----> TRAIN ENTERING 4.00 DEGREE CURVE						REL		2	SD40	40 KIPS	81 KIPS	0.14
	188.000					REL		3	GONDOLA	81 KIPS	78 KIPS	0.10
	187.987					REL		28	GONDOLA	31 KIPS	29 KIPS	0.11
	187.798					REL		48	GONDOLA	-40 KIPS	-42 KIPS	0.13
	187.639					REL		72	GONDOLA	-88 KIPS	-91 KIPS	0.16
HELPERS	187.464					REL		73	GM10B	3 KIPS	3 KIPS	0.14
0:17:10	188.072	0	22	RUN 6	589	REL	-94:73 27:72	1	SD40	0 KIPS	38 KIPS	0.13
-----> TRAIN ENTERING 0.85 % GRADE						REL		2	SD40	38 KIPS	78 KIPS	0.14
	188.059					REL		3	GONDOLA	78 KIPS	74 KIPS	0.10
	188.047					REL		28	GONDOLA	22 KIPS	20 KIPS	0.00
	187.858					REL		48	GONDOLA	-38 KIPS	-41 KIPS	0.12
	187.696					REL		72	GONDOLA	-82 KIPS	-94 KIPS	0.27
HELPERS	187.524					REL		73	GM10B	14 KIPS	14 KIPS	0.16

STATION TIME	MP	SPEED LMT RUN	THTLT AMP'S	SETTING TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
									FORE	AFT	
O:17:20	188.132	0	22	RUN 6	587	REL REL	80#	0#	0 KIPS	38 KIPS	0.12
	188.120						80#	0#	38 KIPS	75 KIPS	0.14
	188.107						80#	0#	75 KIPS	73 KIPS	0.10
	187.918						80#	0#	22 KIPS	20 KIPS	0.00
	187.789						80#	0#	-31 KIPS	-34 KIPS	0.11
HELPERS	187.585						80#	0#	-89 KIPS	-91 KIPS	0.23
	187.577						80#	0#	-91 KIPS	2 KIPS	0.18
	187.577						80#	0#	0 KIPS	37 KIPS	0.12
	187.577						80#	0#	37 KIPS	75 KIPS	0.14
	187.577						80#	0#	75 KIPS	72 KIPS	0.10
O:17:30	188.180	0	22	RUN 6	583	REL REL	80#	0#	12 KIPS	10 KIPS	0.09
	188.168						80#	0#	-36 KIPS	-38 KIPS	0.12
	187.979						80#	0#	-88 KIPS	-91 KIPS	0.23
	187.820						80#	0#	-91 KIPS	2 KIPS	0.16
	187.645						80#	0#	0 KIPS	37 KIPS	0.12
HELPERS	187.638						80#	0#	37 KIPS	75 KIPS	0.14
	187.638						80#	0#	75 KIPS	72 KIPS	0.10
	187.638						80#	0#	12 KIPS	10 KIPS	0.09
	187.638						80#	0#	-36 KIPS	-38 KIPS	0.12
	187.638						80#	0#	-88 KIPS	-91 KIPS	0.23
-----> TRAIN ENTERING 0.00 DEGREE CURVE											
O:17:40	188.254	0	22	RUN 6	582	REL REL	80#	0#	0 KIPS	38 KIPS	0.12
	188.241						80#	0#	38 KIPS	75 KIPS	0.15
	188.229						80#	0#	75 KIPS	73 KIPS	0.12
	188.040						80#	0#	7 KIPS	5 KIPS	0.09
	187.880						80#	0#	-38 KIPS	-41 KIPS	0.05
HELPERS	187.708						80#	0#	-88 KIPS	-91 KIPS	0.23
	187.699						80#	0#	-91 KIPS	2 KIPS	0.16
	187.699						80#	0#	0 KIPS	38 KIPS	0.00
	187.699						80#	0#	38 KIPS	75 KIPS	0.00
	187.699						80#	0#	75 KIPS	73 KIPS	0.02
O:17:50	188.302	0	22	RUN 6	579	REL REL	80#	0#	10 KIPS	11 KIPS	0.09
	188.290						80#	0#	-48 KIPS	-48 KIPS	0.05
	188.101						80#	0#	-89 KIPS	-91 KIPS	0.23
	187.942						80#	0#	-91 KIPS	3 KIPS	0.18
	187.767						80#	0#	0 KIPS	38 KIPS	0.00
HELPERS	187.760						80#	0#	38 KIPS	75 KIPS	0.00
	187.760						80#	0#	75 KIPS	73 KIPS	0.02
	187.760						80#	0#	10 KIPS	11 KIPS	0.09
	187.760						80#	0#	-48 KIPS	-48 KIPS	0.05
	187.760						80#	0#	-89 KIPS	-91 KIPS	0.23
O:18:0	188.378	0	22	RUN 6	578	REL REL	80#	0#	-91 KIPS	3 KIPS	0.18
	188.364						80#	0#	0 KIPS	38 KIPS	0.00
	188.351						80#	0#	38 KIPS	75 KIPS	0.00
	188.182						80#	0#	75 KIPS	73 KIPS	0.00
	188.003						80#	0#	18 KIPS	13 KIPS	0.09
HELPERS	187.829						80#	0#	-45 KIPS	-47 KIPS	0.12
	187.821						80#	0#	-89 KIPS	-91 KIPS	0.23
	188.437	0	22	RUN 6	578	REL REL	80#	0#	-91 KIPS	12 KIPS	0.16
	188.425						80#	0#	0 KIPS	38 KIPS	0.00
	188.413						80#	0#	38 KIPS	75 KIPS	0.00
O:18:10	188.223						80#	0#	75 KIPS	73 KIPS	0.00
	188.064						80#	0#	16 KIPS	13 KIPS	0.09
	187.890						80#	0#	-45 KIPS	-48 KIPS	0.13
	187.882						80#	0#	-80 KIPS	-82 KIPS	0.14
	187.882						80#	0#	-92 KIPS	3 KIPS	0.12

STATION TIME	MP	SPEED LMT	THTLT RUN	AMPS	BRAKES		MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
					SETTING TRN	IND PIPE				DRUMBAR FORCES FORE	FORCES AFT			
0:18:20	188.488	0	22	RUN 6	580	REL	80# 0#	-92:73	19:68	1	SD40	38 KIPS	0.00	
	188.486						80# 0#			2	SD40	78 KIPS	0.00	
	188.474						80# 0#			3	GONDOLA	74 KIPS	0.00	
	188.284						80# 0#			28	GONDOLA	20 KIPS	0.08	
	188.125						80# 0#			48	GONDOLA	-48 KIPS	0.12	
	187.951						80# 0#			72	GONDOLA	-92 KIPS	0.15	
HELPERS	187.944						80# 0#			73	GM108	12 KIPS	0.12	
	-----> TRAIN ENTERING 4.00 DEGREE CURVE													
	0:18:30	188.559	0	22	RUN 6	582	REL	80# 0#	-92:73	25:73	1	SD40	38 KIPS	0.14
	188.547						80# 0#			2	SD40	78 KIPS	0.17	
	188.535						80# 0#			3	GONDOLA	74 KIPS	0.17	
	188.345						80# 0#			28	GONDOLA	20 KIPS	0.00	
HELPERS	188.186						80# 0#			48	GONDOLA	-35 KIPS	0.11	
	188.012						80# 0#			72	GONDOLA	-92 KIPS	0.23	
	188.005						80# 0#			73	GM108	2 KIPS	0.25	
	0:18:40	188.820	0	22	RUN 6	585	REL	80# 0#	-90:73	25:73	1	SD40	38 KIPS	0.12
	188.808						80# 0#			2	SD40	78 KIPS	0.14	
	188.596						80# 0#			3	GONDOLA	73 KIPS	0.10	
HELPERS	188.406						80# 0#			28	GONDOLA	19 KIPS	0.00	
	188.247						80# 0#			48	GONDOLA	-30 KIPS	0.11	
	188.073						80# 0#			72	GONDOLA	-88 KIPS	0.23	
	188.065						80# 0#			73	GM108	0 KIPS	0.25	
	-----> TRAIN ENTERING 0.71 % GRADE													
	0:18:50	188.680	0	22	RUN 6	589	REL	80# 0#	-91:73	25:73	1	SD40	38 KIPS	0.12
HELPERS	188.688						80# 0#			2	SD40	77 KIPS	0.14	
	188.656						80# 0#			3	GONDOLA	74 KIPS	0.10	
	188.468						80# 0#			28	GONDOLA	17 KIPS	0.00	
	188.307						80# 0#			48	GONDOLA	-35 KIPS	0.04	
	188.133						80# 0#			72	GONDOLA	-91 KIPS	0.23	
	188.126						80# 0#			73	GM108	2 KIPS	0.25	
HELPERS	0:19:00	188.740	0	22	RUN 6	590	REL	80# 0#	-91:73	25:73	1	SD40	38 KIPS	0.12
	188.728						80# 0#			2	SD40	77 KIPS	0.14	
	188.716						80# 0#			3	GONDOLA	75 KIPS	0.10	
	188.526						80# 0#			28	GONDOLA	13 KIPS	0.00	
	188.367						80# 0#			48	GONDOLA	-37 KIPS	0.04	
	188.193						80# 0#			72	GONDOLA	-91 KIPS	0.23	
HELPERS	188.186						80# 0#			73	GM108	2 KIPS	0.25	
	0:19:10	188.800	0	21	RUN 6	593	REL	80# 0#	-91:73	25:73	1	SD40	38 KIPS	0.12
	188.788						80# 0#			2	SD40	78 KIPS	0.14	
	188.778						80# 0#			3	GONDOLA	76 KIPS	0.10	
	188.586						80# 0#			28	GONDOLA	18 KIPS	0.10	
	188.427						80# 0#			48	GONDOLA	-38 KIPS	0.04	
HELPERS	188.253						80# 0#			72	GONDOLA	-91 KIPS	0.23	
	188.245						80# 0#			73	GM108	3 KIPS	0.25	

STATION TIME	MP	SPEED LMT RUN	THTLT AMPS	SETTING TRN	IND	REL	BRAKES PIPE CYL	PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
												DRABAR FORCES FORE	AFT	
0:19:20	188.860	0	21	RUN 6	593	REL REL	80W	OH	-92:73 14:72	1	SD40	0 KIPS	39 KIPS	0.12
	188.847						80W	OH		2	SD40	39 KIPS	78 KIPS	0.14
	188.835						80W	OH		3	GONDOLA	78 KIPS	75 KIPS	0.10
	188.848						80W	OH		28	GONDOLA	17 KIPS	14 KIPS	0.10
	188.887						80W	OH		49	GONDOLA	-38 KIPS	-41 KIPS	0.05
	188.312						80W	OH		72	GONDOLA	-89 KIPS	-92 KIPS	0.14
	188.305						80W	OH		73	GM10B	-92 KIPS	12 KIPS	0.12
HELPERS	188.919	0	21	RUN 6	598	REL REL	80W	OH	-92:73 14:72	1	SD40	0 KIPS	39 KIPS	0.12
0:19:30	188.907						80W	OH		2	SD40	39 KIPS	78 KIPS	0.14
	188.895						80W	OH		3	GONDOLA	78 KIPS	76 KIPS	0.10
	188.705						80W	OH		28	GONDOLA	24 KIPS	21 KIPS	0.10
	188.548						80W	OH		49	GONDOLA	-37 KIPS	-38 KIPS	0.11
	188.372						80W	OH		72	GONDOLA	-89 KIPS	-92 KIPS	0.14
HELPERS	188.384						80W	OH		73	GM10B	-92 KIPS	13 KIPS	0.12
-----> TRAIN ENTERING 0.00 DEGREE CURVE														
0:19:40	188.978	0	21	RUN 6	597	REL REL	80W	OH	-91:73 15:58	1	SD40	0 KIPS	39 KIPS	0.13
	188.968						80W	OH		2	SD40	39 KIPS	79 KIPS	0.14
	188.954						80W	OH		3	GONDOLA	79 KIPS	76 KIPS	0.10
	188.784						80W	OH		28	GONDOLA	23 KIPS	21 KIPS	0.10
	188.605						80W	OH		49	GONDOLA	-35 KIPS	-37 KIPS	0.11
	188.431						80W	OH		72	GONDOLA	-89 KIPS	-91 KIPS	0.14
	188.424						80W	OH		73	GM10B	-91 KIPS	3 KIPS	0.12
HELPERS	188.038	0	21	RUN 6	597	REL REL	80W	OH	-92:73 17:68	1	SD40	0 KIPS	40 KIPS	0.11
0:19:50	189.025						80W	OH		2	SD40	40 KIPS	80 KIPS	0.15
	188.013						80W	OH		3	GONDOLA	80 KIPS	78 KIPS	0.10
	188.824						80W	OH		28	GONDOLA	25 KIPS	22 KIPS	0.10
	188.865						80W	OH		49	GONDOLA	-33 KIPS	-36 KIPS	0.11
	188.490						80W	OH		72	GONDOLA	-88 KIPS	-92 KIPS	0.14
	188.483						80W	OH		73	GM10B	-92 KIPS	2 KIPS	0.12
HELPERS	188.087	0	21	RUN 6	598	REL REL	80W	OH	-90:73 25:73	1	SD40	0 KIPS	40 KIPS	0.00
0:20:0	189.084						80W	OH		2	SD40	40 KIPS	80 KIPS	0.00
	189.072						80W	OH		3	GONDOLA	80 KIPS	78 KIPS	0.00
	188.863						80W	OH		28	GONDOLA	25 KIPS	23 KIPS	0.10
	188.724						80W	OH		49	GONDOLA	-26 KIPS	-29 KIPS	0.10
	188.549						80W	OH		72	GONDOLA	-88 KIPS	-90 KIPS	0.23
	188.542						80W	OH		73	GM10B	-90 KIPS	0 KIPS	0.25
HELPERS	188.542						80W	OH						
-----> TRAIN ENTERING 4.00 DEGREE CURVE														
0:20:10	189.156	0	21	RUN 6	597	REL REL	80W	OH	-88:73 25:73	1	SD40	0 KIPS	40 KIPS	0.15
	189.144						80W	OH		2	SD40	40 KIPS	79 KIPS	0.13
	189.131						80W	OH		3	GONDOLA	79 KIPS	77 KIPS	0.04
	188.942						80W	OH		28	GONDOLA	25 KIPS	22 KIPS	0.10
	188.783						80W	OH		49	GONDOLA	-27 KIPS	-30 KIPS	0.11
	188.609						80W	OH		72	GONDOLA	-87 KIPS	-89 KIPS	0.23
HELPERS	188.601						80W	OH		73	GM10B	-89 KIPS	0 KIPS	0.25

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS 6	SETTING 595	REL REL	TRN IND	PIPE CYL	BRAKES PRESSURE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRANBAR FORCES FORE	AFT	L/V RATIO
0:20:20	189.215	0	21	RUN	6	595	REL	REL	80# 0#	-89:73 .25:73	1	SD40	0 KIPS	39 KIPS	0.12
	189.203								80# 0#		2	SD40	39 KIPS	78 KIPS	0.15
	189.191								80# 0#		3	GONDOLA	78 KIPS	76 KIPS	0.11
	189.001								80# 0#		28	GONDOLA	25 KIPS	22 KIPS	0.10
	188.842								80# 0#		49	GONDOLA	-31 KIPS	-89 KIPS	0.11
	188.688								80# 0#		72	GONDOLA	-87 KIPS	-89 KIPS	0.23
	188.668								80# 0#		73	GM10B	-89 KIPS	0 KIPS	0.25
HELPERS	188.660								80# 0#		1	SD40	0 KIPS	39 KIPS	0.12
0:20:30	189.275	0	22	RUN	6	592	REL	REL	80# 0#	-91:73 .25:73	2	SD40	39 KIPS	78 KIPS	0.13
	189.283								80# 0#		3	GONDOLA	78 KIPS	75 KIPS	0.10
	189.250								80# 0#		28	GONDOLA	23 KIPS	21 KIPS	0.00
	189.081								80# 0#		49	GONDOLA	-32 KIPS	-34 KIPS	0.11
	188.902								80# 0#		72	GONDOLA	-88 KIPS	-91 KIPS	0.23
	188.727								80# 0#		73	GM10B	-91 KIPS	2 KIPS	0.25
HELPERS	188.720								80# 0#						
-----> TRAIN ENTERING 1.07 % GRADE															
0:20:40	189.335	0	22	RUN	6	591	REL	REL	80# 0#	-91:73 .25:73	1	SD40	0 KIPS	38 KIPS	0.12
	189.322								80# 0#		2	SD40	38 KIPS	77 KIPS	0.13
	189.310								80# 0#		3	GONDOLA	77 KIPS	74 KIPS	0.10
	189.121								80# 0#		28	GONDOLA	17 KIPS	15 KIPS	0.00
	188.982								80# 0#		49	GONDOLA	-31 KIPS	-33 KIPS	0.11
	188.787								80# 0#		72	GONDOLA	-88 KIPS	-91 KIPS	0.23
	188.780								80# 0#		73	GM10B	-91 KIPS	2 KIPS	0.25
HELPERS	188.780								80# 0#		1	SD40	0 KIPS	37 KIPS	0.12
0:20:50	189.385	0	22	RUN	6	592	REL	REL	80# 0#	-91:73 .25:73	2	SD40	37 KIPS	75 KIPS	0.13
	189.382								80# 0#		3	GONDOLA	75 KIPS	72 KIPS	0.10
	189.370								80# 0#		28	GONDOLA	13 KIPS	11 KIPS	0.09
	189.181								80# 0#		49	GONDOLA	-39 KIPS	-41 KIPS	0.11
	189.021								80# 0#		72	GONDOLA	-89 KIPS	-91 KIPS	0.23
	188.847								80# 0#		73	GM10B	-91 KIPS	2 KIPS	0.25
HELPERS	188.840								80# 0#		1	SD40	0 KIPS	38 KIPS	0.12
0:21:0	189.484	0	21	RUN	6	593	REL	REL	80# 0#	-91:73 .25:73	2	SD40	38 KIPS	75 KIPS	0.13
	189.442								80# 0#		3	GONDOLA	75 KIPS	72 KIPS	0.10
	189.430								80# 0#		28	GONDOLA	8 KIPS	8 KIPS	0.08
	189.240								80# 0#		49	GONDOLA	-42 KIPS	-44 KIPS	0.05
	189.081								80# 0#		72	GONDOLA	-89 KIPS	-91 KIPS	0.23
	188.907								80# 0#		73	GM10B	-91 KIPS	13 KIPS	0.25
HELPERS	188.899								80# 0#		1	SD40	0 KIPS	38 KIPS	0.12
0:21:10	189.514	0	21	RUN	6	600	REL	REL	80# 0#	-92:73 .25:73	2	SD40	38 KIPS	77 KIPS	0.14
	189.501								80# 0#		3	GONDOLA	77 KIPS	74 KIPS	0.10
	189.489								80# 0#		28	GONDOLA	-15 KIPS	-15 KIPS	0.09
	189.300								80# 0#		49	GONDOLA	-48 KIPS	-51 KIPS	0.11
	189.140								80# 0#		72	GONDOLA	-90 KIPS	-92 KIPS	0.23
	188.988								80# 0#		73	GM10B	-92 KIPS	3 KIPS	0.25
HELPERS	188.959								80# 0#						
-----> TRAIN ENTERING 0.00 DEGREE CURVE															

TIME	STATION	MP	SPEED LMT RUN	THLTL RUN	AMPS TRN	BRAKES SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	FOR SPECIFIED VEHICLES IDENTIFIER		DRAWBAR FORCES AFT	L/V RATIO
											FOR	FOR		
0:21:20	189.572	0	21	RUN	6	602	REL	REL	-93:73 .28:73	1	SD40	0 KIPS	39 KIPS	0.12
	189.580									2	SD40	39 KIPS	79 KIPS	0.15
	189.548									3	GONDOLA	79 KIPS	76 KIPS	0.15
	189.358									28	GONDOLA	18 KIPS	19 KIPS	0.09
	189.199									49	GONDOLA	-53 KIPS	-55 KIPS	0.15
	189.025									72	GONDOLA	-91 KIPS	-93 KIPS	0.23
	189.017									73	GM10B	-93 KIPS	12 KIPS	0.28
HELPERS	189.630									1	SD40	0 KIPS	40 KIPS	0.00
0:21:30	189.618	0	21	RUN	6	613	REL	REL	-93:73 .20:64	2	SD40	40 KIPS	81 KIPS	0.00
	189.608									3	GONDOLA	81 KIPS	78 KIPS	0.00
	189.418									28	GONDOLA	14 KIPS	16 KIPS	0.09
	189.257									49	GONDOLA	-49 KIPS	-51 KIPS	0.14
	189.083									72	GONDOLA	-92 KIPS	-93 KIPS	0.15
HELPERS	189.075									73	GM10B	-93 KIPS	12 KIPS	0.13
-----> TRAIN ENTERING 4.00 DEGREE CURVE														
0:21:40	189.887	0	20	RUN	6	621	REL	REL	-94:73 .21:70	1	SD40	0 KIPS	41 KIPS	0.15
	189.875									2	SD40	41 KIPS	81 KIPS	0.18
	189.683									3	GONDOLA	81 KIPS	78 KIPS	0.18
	189.473									28	GONDOLA	18 KIPS	16 KIPS	0.08
	189.314									49	GONDOLA	-50 KIPS	-52 KIPS	0.14
	189.140									72	GONDOLA	-92 KIPS	-94 KIPS	0.15
	189.140									73	GM10B	-94 KIPS	11 KIPS	0.13
HELPERS	189.132									1	SD40	0 KIPS	42 KIPS	0.12
0:21:50	189.743	0	20	RUN	6	636	REL	REL	-93:73 .25:72	2	SD40	42 KIPS	84 KIPS	0.14
	189.731									3	GONDOLA	84 KIPS	82 KIPS	0.10
	189.718									28	GONDOLA	26 KIPS	23 KIPS	0.10
	189.528									49	GONDOLA	-40 KIPS	-43 KIPS	0.12
	189.370									72	GONDOLA	-91 KIPS	-93 KIPS	0.25
	189.198									73	GM10B	-93 KIPS	12 KIPS	0.15
HELPERS	189.188									1	SD40	0 KIPS	43 KIPS	0.12
0:22:0	189.798	0	19	RUN	6	650	REL	REL	-94:73 .22:72	2	SD40	43 KIPS	87 KIPS	0.14
	189.785									3	GONDOLA	87 KIPS	84 KIPS	0.10
	189.773									28	GONDOLA	24 KIPS	21 KIPS	0.00
	189.584									49	GONDOLA	-37 KIPS	-40 KIPS	0.11
	189.424									72	GONDOLA	-92 KIPS	-94 KIPS	0.22
	189.250									73	GM10B	-94 KIPS	3 KIPS	0.15
HELPERS	189.243									1	SD40	0 KIPS	45 KIPS	0.13
0:22:10	189.850	0	19	RUN	6	674	REL	REL	-94:73 .22:72	2	SD40	45 KIPS	91 KIPS	0.15
	189.838									3	GONDOLA	91 KIPS	88 KIPS	0.10
	189.828									28	GONDOLA	30 KIPS	28 KIPS	0.00
	189.638									49	GONDOLA	-29 KIPS	-32 KIPS	0.10
	189.477									72	GONDOLA	-91 KIPS	-94 KIPS	0.22
HELPERS	189.303									73	GM10B	-94 KIPS	12 KIPS	0.15
	189.295													

STATION TIME	MP	SPEED LMT RUN	THLTL TRN	AMPS IND	SETTING PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO				
										FORE	AFT					
0:22:20	189.902	0	18	RUN	8	689	REL REL	80#	0#	93:3	.22:72	1	SD40	0 KIPS	46 KIPS	0.13
	189.889							80#	0#			2	SD40	46 KIPS	93 KIPS	0.15
	189.877							80#	0#			3	GONDOLA	93 KIPS	90 KIPS	0.10
	189.868							80#	0#			28	GONDOLA	25 KIPS	23 KIPS	0.10
	189.859							80#	0#			49	GONDOLA	-31 KIPS	-34 KIPS	0.11
	189.854							80#	0#			72	GONDOLA	-90 KIPS	-93 KIPS	0.22
	189.847							80#	0#			73	GM108	-93 KIPS	2 KIPS	0.15
HELPERS	189.847															
-----> TRAIN ENTERING 0.00 DEGREE CURVE																
0:22:30	189.952	0	18	RUN	8	708	REL REL	80#	0#	98:3	.22:72	1	SD40	0 KIPS	49 KIPS	0.13
	189.939							80#	0#			2	SD40	49 KIPS	98 KIPS	0.18
	189.927							80#	0#			3	GONDOLA	98 KIPS	95 KIPS	0.13
	189.918							80#	0#			28	GONDOLA	32 KIPS	28 KIPS	0.10
	189.909							80#	0#			49	GONDOLA	-28 KIPS	-31 KIPS	0.03
	189.904							80#	0#			72	GONDOLA	-90 KIPS	-92 KIPS	0.22
	189.897							80#	0#			73	GM108	-92 KIPS	13 KIPS	0.15
HELPERS	189.897															
0:22:40	190.001	0	17	RUN	8	1205	REL REL	80#	0#	100:3	.22:72	1	SD40	0 KIPS	50 KIPS	0.01
	189.988							80#	0#			2	SD40	50 KIPS	100 KIPS	0.15
	189.978							80#	0#			3	GONDOLA	100 KIPS	97 KIPS	0.11
	189.967							80#	0#			28	GONDOLA	32 KIPS	29 KIPS	0.10
	189.957							80#	0#			49	GONDOLA	-32 KIPS	-34 KIPS	0.04
	189.948							80#	0#			72	GONDOLA	-90 KIPS	-93 KIPS	0.22
	189.943							80#	0#			73	GM108	-93 KIPS	3 KIPS	0.15
HELPERS	189.943															
-----> TRAIN ENTERING 4.00 DEGREE CURVE																
0:22:50	190.048	0	17	RUN	8	738	REL REL	80#	0#	102:3	.22:72	1	SD40	0 KIPS	51 KIPS	0.15
	190.036							80#	0#			2	SD40	51 KIPS	102 KIPS	0.15
	190.024							80#	0#			3	GONDOLA	102 KIPS	99 KIPS	0.14
	189.834							80#	0#			28	GONDOLA	36 KIPS	33 KIPS	0.10
	189.824							80#	0#			49	GONDOLA	-31 KIPS	-33 KIPS	0.11
	189.815							80#	0#			72	GONDOLA	-90 KIPS	-93 KIPS	0.22
	189.801							80#	0#			73	GM108	-93 KIPS	14 KIPS	0.15
HELPERS	189.801															
0:23:0	190.085	0	17	RUN	8	752	REL REL	80#	0#	103:3	.22:72	1	SD40	0 KIPS	52 KIPS	0.12
	190.083							80#	0#			2	SD40	52 KIPS	103 KIPS	0.15
	190.071							80#	0#			3	GONDOLA	103 KIPS	100 KIPS	0.10
	189.881							80#	0#			28	GONDOLA	38 KIPS	33 KIPS	0.10
	189.872							80#	0#			49	GONDOLA	-31 KIPS	-34 KIPS	0.11
	189.868							80#	0#			72	GONDOLA	-91 KIPS	-93 KIPS	0.22
	189.858							80#	0#			73	GM108	-93 KIPS	3 KIPS	0.15
HELPERS	189.858															
-----> TRAIN ENTERING 0.00 DEGREE CURVE																
0:23:10	190.141	0	16	RUN	8	785	REL REL	80#	0#	106:3	.18:84	1	SD40	0 KIPS	53 KIPS	0.13
	190.129							80#	0#			2	SD40	53 KIPS	106 KIPS	0.15
	190.116							80#	0#			3	GONDOLA	106 KIPS	104 KIPS	0.10
	189.927							80#	0#			28	GONDOLA	38 KIPS	36 KIPS	0.10
	189.918							80#	0#			49	GONDOLA	-30 KIPS	-33 KIPS	0.11
	189.908							80#	0#			72	GONDOLA	-91 KIPS	-94 KIPS	0.15
	189.894							80#	0#			73	GM108	-94 KIPS	13 KIPS	0.13
HELPERS	189.894															
RUN 8 1211 REL REL																

STATION TIME	MP	SPEED LMT RUN	THRTLE RUN	AMPS TRN	SETTING IND	BRAKES PIPE CYL	PRESSURE KIPS:CAR	MAXIMUMS (AND LOCATION) L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRABAR FORCES FORE	DRABAR FORCES AFT	
0:23:20	190.186	0	16	RUN	B	779	REL	REL	80#	0#	SD40	55 KIPS	0.04
	190.174								80#	0#	SD40	109 KIPS	0.19
	190.182								80#	0#	GONDOLA	107 KIPS	0.15
	189.972								80#	0#	GONDOLA	37 KIPS	0.10
	189.813								80#	0#	GONDOLA	-27 KIPS	0.11
	189.639								80#	0#	GONDOLA	-94 KIPS	0.15
	189.631								80#	0#	GM10B	3 KIPS	0.13
HELPERS	189.631								80#	0#	SD40	58 KIPS	0.00
0:23:30	190.230	0	16	RUN	B	791	REL	REL	80#	0#	SD40	111 KIPS	0.00
	190.218								80#	0#	SD40	109 KIPS	0.00
	190.208								80#	0#	GONDOLA	38 KIPS	0.10
	190.016								80#	0#	GONDOLA	-28 KIPS	0.11
	189.857								80#	0#	GONDOLA	-93 KIPS	0.24
	189.683								80#	0#	GM10B	13 KIPS	0.24
	189.678								80#	0#	SD40	58 KIPS	0.00
HELPERS	189.678								80#	0#	SD40	113 KIPS	0.00
0:23:40	190.274	0	16	RUN	B	802	REL	REL	80#	0#	GONDOLA	110 KIPS	0.00
	190.262								80#	0#	GONDOLA	43 KIPS	0.10
	190.249								80#	0#	GONDOLA	-21 KIPS	0.11
	190.060								80#	0#	GONDOLA	-88 KIPS	0.24
	189.901								80#	0#	GM10B	0 KIPS	0.24
	189.727								80#	0#	SD40	57 KIPS	0.00
HELPERS	189.719								80#	0#	SD40	114 KIPS	0.00
PS L. JEAN.	189.719								80#	0#	GONDOLA	111 KIPS	0.00
0:23:48	190.300	0	15	RUN	B	807	REL	REL	80#	0#	GONDOLA	41 KIPS	0.10
	190.288								80#	0#	GONDOLA	-21 KIPS	0.11
	190.275								80#	0#	GONDOLA	-91 KIPS	0.24
	190.088								80#	0#	GM10B	0 KIPS	0.24
	189.927								80#	0#	SD40	61 KIPS	0.00
	189.753								80#	0#	SD40	118 KIPS	0.00
HELPERS	189.745								80#	0#	GONDOLA	44 KIPS	0.10
-----> TRAIN ENTERING 0.00 % GRADE	189.745								80#	0#	GONDOLA	-20 KIPS	0.11
0:23:50	190.317	0	15	RUN	B	810	REL	REL	80#	0#	GONDOLA	-91 KIPS	0.24
	190.305								80#	0#	GM10B	0 KIPS	0.24
	190.293								80#	0#	SD40	61 KIPS	0.00
	190.103								80#	0#	SD40	122 KIPS	0.00
	189.944								80#	0#	GONDOLA	55 KIPS	0.10
	189.770								80#	0#	GONDOLA	-20 KIPS	0.11
	189.762								80#	0#	GONDOLA	-93 KIPS	0.24
HELPERS	189.762								80#	0#	GM10B	14 KIPS	0.24
0:24:0	190.360	0	15	RUN	B	809	REL	REL	80#	0#	SD40	57 KIPS	0.00
	190.348								80#	0#	SD40	114 KIPS	0.00
	190.335								80#	0#	GONDOLA	111 KIPS	0.00
	190.146								80#	0#	GONDOLA	41 KIPS	0.10
	189.987								80#	0#	GONDOLA	-21 KIPS	0.11
	189.813								80#	0#	GONDOLA	-91 KIPS	0.24
HELPERS	189.805								80#	0#	GM10B	0 KIPS	0.24

QCM D-70-E/5/

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRUMBAR FORCES FORE	AFT	
O:24:10	190.403	0	16	RUN	6	803	REL	REL	80#	0#	0#	0#	0.00
	190.391								80#	0#	0#	0#	0.00
	190.378								80#	0#	0#	0#	0.00
	190.189								80#	0#	0#	0#	0.10
HELPERS O:24:20	190.030								80#	0#	0#	0#	0.24
	188.858								80#	0#	0#	0#	0.24
	188.848								80#	0#	0#	0#	0.00
	190.447	0	16	RUN	6	1214	REL	REL	80#	0#	0#	0#	0.00
HELPERS O:24:30	190.435								80#	0#	0#	0#	0.00
	190.422								80#	0#	0#	0#	0.00
	190.233								80#	0#	0#	0#	0.00
	190.074								80#	0#	0#	0#	0.24
HELPERS O:24:40	189.900								80#	0#	0#	0#	0.24
	189.892								80#	0#	0#	0#	0.00
	190.492	0	17	RUN	6	1213	REL	REL	80#	0#	0#	0#	0.00
	190.480								80#	0#	0#	0#	0.00
HELPERS O:24:50	190.467								80#	0#	0#	0#	0.00
	190.278								80#	0#	0#	0#	0.00
	190.119								80#	0#	0#	0#	0.00
	189.945								80#	0#	0#	0#	0.25
HELPERS O:25:00	189.937								80#	0#	0#	0#	0.00
	190.539	0	17	RUN	6	1210	REL	REL	80#	0#	0#	0#	0.00
	190.526								80#	0#	0#	0#	0.00
	190.514								80#	0#	0#	0#	0.00
HELPERS O:25:10	190.325								80#	0#	0#	0#	0.00
	190.166								80#	0#	0#	0#	0.15
	189.991								80#	0#	0#	0#	0.15
	188.984								80#	0#	0#	0#	0.00
HELPERS O:25:20	190.588	0	18	RUN	6	1208	REL	REL	80#	0#	0#	0#	0.00
	190.575								80#	0#	0#	0#	0.00
	190.563								80#	0#	0#	0#	0.00
	190.374								80#	0#	0#	0#	0.00
HELPERS O:25:30	190.214								80#	0#	0#	0#	0.23
	190.040								80#	0#	0#	0#	0.00
	190.033								80#	0#	0#	0#	0.00
	190.639	0	19	RUN	6	1205	REL	REL	80#	0#	0#	0#	0.00
HELPERS O:25:40	190.827								80#	0#	0#	0#	0.00
	190.614								80#	0#	0#	0#	0.00
	190.425								80#	0#	0#	0#	0.00
	190.268								80#	0#	0#	0#	0.23
HELPERS O:25:50	190.092								80#	0#	0#	0#	0.25
	190.084								80#	0#	0#	0#	0.25

STATION TIME	MP	SPEED LMT RUN	THLE RUN	AMPS 658	SETTING REL	BRAKES TRN IND PIPE CYL	PRESSURE REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO	
											FORE	AFT		
0:25: 2	190.650	0	19	RUN	6	80#	0#	93:3	.25:73	1	SD40	0 KIPS	47 KIPS	0.00
	190.638					80#	0#			2	SD40	47 KIPS	93 KIPS	0.00
	190.625					80#	0#			3	GONDOLA	93 KIPS	92 KIPS	0.00
	190.436					80#	0#			28	GONDOLA	58 KIPS	55 KIPS	0.00
	190.277					80#	0#			49	GONDOLA	13 KIPS	8 KIPS	0.00
	190.103					80#	0#			72	GONDOLA	-83 KIPS	-8 KIPS	0.00
HELPERS	190.095					80#	0#			73	GONDOLA	-88 KIPS	0 KIPS	0.22
-----> RUN 3														0.25
0:25: 3	190.655	0	19	RUN	3	622	REL	REL	.25:73	1	SD40	0 KIPS	45 KIPS	0.00
	190.643					80#	0#	90:3		2	SD40	45 KIPS	80 KIPS	0.00
	190.631					80#	0#			3	GONDOLA	80 KIPS	89 KIPS	0.00
	190.441					80#	0#			28	GONDOLA	53 KIPS	51 KIPS	0.00
	190.282					80#	0#			49	GONDOLA	13 KIPS	8 KIPS	0.00
	190.108					80#	0#			72	GONDOLA	-82 KIPS	-8 KIPS	0.00
HELPERS	190.100					80#	0#			73	GONDOLA	-87 KIPS	0 KIPS	0.22
0:25: 4	190.861	0	19	RUN	3	478	REL	REL	.23:73	1	SD40	0 KIPS	42 KIPS	0.25
	190.848					80#	0#	87:3		2	SD40	42 KIPS	87 KIPS	0.00
	190.636					80#	0#			3	GONDOLA	87 KIPS	85 KIPS	0.00
	190.447					80#	0#			28	GONDOLA	50 KIPS	48 KIPS	0.00
	190.288					80#	0#			49	GONDOLA	12 KIPS	8 KIPS	0.00
	190.113					80#	0#			72	GONDOLA	-80 KIPS	-8 KIPS	0.00
HELPERS	190.106					80#	0#			73	GONDOLA	-84 KIPS	0 KIPS	0.21
0:25:10	190.893	0	19	RUN	3	895	REL	REL	.19:73	1	SD40	0 KIPS	33 KIPS	0.00
	190.880					80#	0#	78:3		2	SD40	33 KIPS	78 KIPS	0.00
	190.688					80#	0#			3	GONDOLA	78 KIPS	78 KIPS	0.00
	190.479					80#	0#			28	GONDOLA	40 KIPS	39 KIPS	0.00
	190.320					80#	0#			49	GONDOLA	33 KIPS	32 KIPS	0.00
	190.146					80#	0#			72	GONDOLA	-71 KIPS	-78 KIPS	0.00
HELPERS	190.138					80#	0#			73	GONDOLA	-76 KIPS	14 KIPS	0.14
0:25:20	190.747	0	20	RUN	3	578	REL	REL	.12:73	1	SD40	0 KIPS	19 KIPS	0.16
	190.734					80#	0#	-40:73		2	SD40	19 KIPS	38 KIPS	0.00
	190.722					80#	0#			3	GONDOLA	38 KIPS	38 KIPS	0.00
	190.533					80#	0#			28	GONDOLA	37 KIPS	37 KIPS	0.00
	190.374					80#	0#			49	GONDOLA	35 KIPS	35 KIPS	0.00
	190.199					80#	0#			72	GONDOLA	-37 KIPS	-40 KIPS	0.00
HELPERS	190.192					80#	0#			73	GONDOLA	-40 KIPS	17 KIPS	0.06
0:25:30	190.800	0	20	RUN	3	574	REL	REL	.06:72	1	SD40	0 KIPS	18 KIPS	0.12
	190.788					80#	0#	-38:73		2	SD40	18 KIPS	38 KIPS	0.00
	190.775					80#	0#			3	GONDOLA	38 KIPS	36 KIPS	0.00
	190.586					80#	0#			28	GONDOLA	23 KIPS	23 KIPS	0.00
	190.427					80#	0#			49	GONDOLA	12 KIPS	12 KIPS	0.00
	190.253					80#	0#			72	GONDOLA	-38 KIPS	-38 KIPS	0.00
HELPERS	190.245					80#	0#			73	GONDOLA	-38 KIPS	15 KIPS	0.06
-----> 12 POUND REDUCTION														
-----> RUN 1														
-----> CONTINUE UNTIL SPEED REACHES 5 M.P.H.														

STATION TIME	MP	SPEED LMT	THITLE RUN	AMPS RUN	SETTING TRN	IND	PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO		
												DRABAR FORCES FORE	AFT			
0:25:30	190.801	0	20	RUN	1	286	12#	REL	80# 0#	36:3	08:72	1	SD40	0 KIPS	18 KIPS	0.00
	190.789								80# 0#			2	SD40	18 KIPS	38 KIPS	0.00
	190.777								80# 0#			3	GONDOLA	36 KIPS	35 KIPS	0.00
	190.567								80# 0#			28	GONDOLA	21 KIPS	20 KIPS	0.00
	190.428								80# 0#			48	GONDOLA	8 KIPS	8 KIPS	0.00
	190.254								80# 0#			72	GONDOLA	-32 KIPS	-36 KIPS	0.06
HELPERS 0:25:31	190.247								80# 0#			73	GM108	-36 KIPS	15 KIPS	0.06
	190.807	0	20	RUN	1	556	12#	REL	80# 0#	34:3	05:72	1	SD40	0 KIPS	16 KIPS	0.00
	190.785								80# 0#			2	SD40	16 KIPS	34 KIPS	0.00
	190.782								80# 0#			3	GONDOLA	34 KIPS	33 KIPS	0.00
	190.593								80# 0#			28	GONDOLA	19 KIPS	19 KIPS	0.00
	190.434								80# 0#			48	GONDOLA	8 KIPS	7 KIPS	0.00
HELPERS 0:25:32	190.280								80# 0#			72	GONDOLA	-28 KIPS	-33 KIPS	0.06
	190.252								80# 0#			73	GM108	-33 KIPS	1 KIPS	0.04
	190.813	0	20	RUN	1	480	12#	REL	77# 5#	-32:62	03:72	1	SD40	0 KIPS	8 KIPS	0.00
	190.800								76# 2#			2	SD40	8 KIPS	18 KIPS	0.00
	190.788								80# 0#			3	GONDOLA	8 KIPS	15 KIPS	0.00
	190.599								80# 0#			28	GONDOLA	9 KIPS	9 KIPS	0.00
HELPERS 0:25:33	190.438								80# 0#			48	GONDOLA	3 KIPS	3 KIPS	0.00
	190.285								78# 3#			72	GONDOLA	-24 KIPS	-27 KIPS	0.03
	190.258								77# 8#			73	GM108	-27 KIPS	0 KIPS	0.03
	190.258	0	20	RUN	1	361	12#	REL	75# 9#	-21:60	02:72	1	SD40	0 KIPS	5 KIPS	0.00
	190.818								76# 6#			2	SD40	8 KIPS	13 KIPS	0.00
	190.806								78# 3#			3	GONDOLA	13 KIPS	13 KIPS	0.00
HELPERS 0:25:34	190.793								80# 0#			28	GONDOLA	7 KIPS	6 KIPS	0.00
	190.604								80# 0#			48	GONDOLA	2 KIPS	2 KIPS	0.00
	190.445								79# 1#			72	GONDOLA	-14 KIPS	-17 KIPS	0.02
	190.271								77# 8#			73	GM108	-17 KIPS	1 KIPS	0.02
	190.263	0	20	RUN	1	248	12#	REL	75# 9#	-10:73	01:72	1	SD40	0 KIPS	0 KIPS	0.00
	190.824								74# 10#			2	SD40	0 KIPS	2 KIPS	0.00
HELPERS 0:25:35	190.811								77# 6#			3	GONDOLA	2 KIPS	2 KIPS	0.00
	190.799								78# 4#			28	GONDOLA	1 KIPS	1 KIPS	0.00
	190.610								78# 4#			48	GONDOLA	0 KIPS	0 KIPS	0.00
	190.450								76# 8#			72	GONDOLA	-8 KIPS	-10 KIPS	0.01
	190.276								76# 8#			73	GM108	-10 KIPS	1 KIPS	0.01
	190.269	0	20	RUN	1	250	12#	REL	73# 12#	17:68	01:72	1	SD40	0 KIPS	0 KIPS	0.00
HELPERS 0:25:36	190.829								72# 15#			2	SD40	0 KIPS	0 KIPS	0.00
	190.817								73# 13#			3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.805								76# 8#			28	GONDOLA	0 KIPS	0 KIPS	0.00
	190.615								77# 8#			48	GONDOLA	0 KIPS	0 KIPS	0.00
	190.458								76# 6#			72	GONDOLA	-8 KIPS	-8 KIPS	0.01
	190.282								74# 10#			73	GM108	-8 KIPS	1 KIPS	0.01
HELPERS	190.274								72# 15#							

STATION TIME	MP	SPEED LMT	THTLT RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES AFT	FORE	
0:25:36	190.836	0	20	RUN	1	103	12# REL	71# 17# 29:89 .01:72	1	SD40	-17 KIPS	0 KIPS	0.00
	190.822						72# 16#		2	SD40	0 KIPS	0 KIPS	0.00
	190.810						74# 10#		3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.821						75# 8#		28	GONDOLA	0 KIPS	0 KIPS	0.00
	190.482						75# 8#		49	GONDOLA	0 KIPS	0 KIPS	0.00
	190.287						73# 12#		72	GONDOLA	-4 KIPS	-8 KIPS	0.01
HELPERS	190.280						71# 17#		73	GM108	2 KIPS	2 KIPS	0.01
0:25:37	190.840	0	20	RUN	1	103	12# REL	70# 20# -38:4 .00:	1	SD40	-15 KIPS	0 KIPS	0.00
	190.828						71# 18#		2	SD40	-30 KIPS	-38 KIPS	0.00
	190.818						73# 12#		3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.828						74# 10#		28	GONDOLA	0 KIPS	0 KIPS	0.00
	190.828						74# 10#		49	GONDOLA	0 KIPS	0 KIPS	0.00
	190.487						72# 14#		72	GONDOLA	-3 KIPS	-5 KIPS	0.00
	190.283						70# 20#		73	GM108	-2 KIPS	2 KIPS	0.00
HELPERS	190.286						69# 22#		1	SD40	0 KIPS	0 KIPS	0.00
0:25:38	190.846	0	20	RUN	1	103	12# REL	49:72 .01:2	1	SD40	-2 KIPS	-3 KIPS	0.01
	190.833						70# 21#		2	SD40	-3 KIPS	-2 KIPS	0.00
	190.821						72# 14#		3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.632						73# 12#		28	GONDOLA	0 KIPS	0 KIPS	0.00
	190.472						73# 12#		49	GONDOLA	0 KIPS	0 KIPS	0.00
	190.298						72# 16#		72	GONDOLA	-4 KIPS	-4 KIPS	0.00
HELPERS	190.291						69# 22#		73	GM108	-4 KIPS	2 KIPS	0.00
0:25:39	190.851	0	19	RUN	1	250	12# REL	-54:8 .02:2	1	SD40	-13 KIPS	-27 KIPS	0.02
	190.838						69# 23#		2	SD40	-27 KIPS	-35 KIPS	0.01
	190.826						72# 15#		3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.637						72# 14#		28	GONDOLA	0 KIPS	0 KIPS	0.00
	190.478						71# 17#		48	GONDOLA	0 KIPS	0 KIPS	0.00
	190.304						69# 24#		72	GONDOLA	46 KIPS	51 KIPS	0.00
HELPERS	190.296						69# 24#		73	GM108	51 KIPS	3 KIPS	0.00
0:25:40	190.858	0	19	RUN	1	250	12# REL	43:61 .02:2	1	SD40	-5 KIPS	-5 KIPS	0.01
	190.844						68# 25#		2	SD40	-8 KIPS	-7 KIPS	0.02
	190.832						71# 17#		3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.642						72# 15#		28	GONDOLA	0 KIPS	0 KIPS	0.00
	190.483						72# 16#		49	GONDOLA	0 KIPS	0 KIPS	0.00
	190.309						70# 19#		72	GONDOLA	8 KIPS	8 KIPS	0.00
HELPERS	190.301						68# 27#		73	GM108	8 KIPS	2 KIPS	0.00
0:25:41	190.862	0	19	RUN	1	250	12# REL	-65:11 .02:2	1	SD40	-10 KIPS	-10 KIPS	0.01
	190.849						69# 27#		2	SD40	-20 KIPS	-28 KIPS	0.02
	190.837						71# 19#		3	GONDOLA	0 KIPS	0 KIPS	0.00
	190.648						71# 17#		28	GONDOLA	0 KIPS	0 KIPS	0.00
	190.489						71# 17#		49	GONDOLA	0 KIPS	0 KIPS	0.00
	190.314						70# 21#		72	GONDOLA	2 KIPS	1 KIPS	0.00
HELPERS	190.307						68# 28#		73	GM108	1 KIPS	2 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS 104	SETTING 12#	REL	BRAKES TRN IND PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES	L/V RATIO
HELPERS	0:25:42	190.867	0	18	104	12#	REL	88# 28#	1	SD40	0 KIPS	0.02
		190.855						88# 28#	2	SD40	-8 KIPS	0.03
		190.842						70# 20#	3	GONDOLA	-12 KIPS	0.02
		190.853						71# 18#	28	GONDOLA	0 KIPS	0.00
		190.494						71# 18#	49	GONDOLA	0 KIPS	0.00
		190.320						69# 23#	72	GONDOLA	0 KIPS	0.00
HELPERS	0:25:43	190.312						88# 28#	73	GM108	2 KIPS	0.00
		190.872	0	18	105	12#	REL	88# 28#	1	SD40	-8 KIPS	0.02
		190.880						88# 28#	2	SD40	-12 KIPS	0.03
		190.848						70# 22#	3	GONDOLA	-12 KIPS	0.02
		190.858						70# 20#	28	GONDOLA	0 KIPS	0.00
		190.499						70# 20#	49	GONDOLA	0 KIPS	0.00
HELPERS	0:25:44	190.317						88# 24#	72	GONDOLA	0 KIPS	0.00
		190.877	0	18	105	12#	REL	88# 28#	73	GM108	-23 KIPS	0.00
		190.885						88# 28#	1	SD40	-8 KIPS	0.02
		190.853						88# 23#	2	SD40	-12 KIPS	0.03
		190.663						70# 21#	3	GONDOLA	-12 KIPS	0.02
		190.504						70# 22#	49	GONDOLA	0 KIPS	0.00
		190.330						88# 28#	72	GONDOLA	-17 KIPS	0.00
HELPERS	0:25:45	190.323						88# 28#	73	GM108	-17 KIPS	0.00
		190.883	0	18	105	12#	REL	88# 28#	1	SD40	32 KIPS	0.00
		190.870						88# 28#	2	SD40	-8 KIPS	0.03
		190.858						88# 25#	3	GONDOLA	-12 KIPS	0.02
		190.669						88# 23#	28	GONDOLA	0 KIPS	0.00
		190.508						88# 23#	49	GONDOLA	-12 KIPS	0.03
		190.335						88# 27#	72	GONDOLA	0 KIPS	0.00
HELPERS	0:25:46	190.328						88# 28#	73	GM108	-7 KIPS	0.00
		190.888	0	18	106	12#	REL	88# 28#	1	SD40	11 KIPS	0.00
		190.875						88# 28#	2	SD40	-8 KIPS	0.02
		190.863						88# 26#	3	GONDOLA	-12 KIPS	0.03
		190.674						88# 24#	28	GONDOLA	-12 KIPS	0.02
		190.515						88# 25#	49	GONDOLA	0 KIPS	0.00
		190.340						88# 28#	72	GONDOLA	0 KIPS	0.00
HELPERS	0:25:47	190.333						88# 28#	73	GM108	-13 KIPS	0.00
		190.893	0	18	106	12#	REL	88# 28#	1	SD40	31 KIPS	0.00
		190.880						88# 28#	2	SD40	-8 KIPS	0.02
		190.888						88# 28#	3	GONDOLA	-12 KIPS	0.03
		190.678						88# 26#	28	GONDOLA	-12 KIPS	0.02
		190.520						88# 26#	49	GONDOLA	-78 KIPS	0.00
		190.345						88# 28#	72	GONDOLA	0 KIPS	0.00
HELPERS	0:25:48	190.338						88# 28#	73	GM108	-24 KIPS	0.00
											6 KIPS	0.00

STATION TIME	MP	SPEED LMT	THRTLE RUN	AMPS	SETTING TRN	IND	PIPE	CYL	PRESSURE	MAXIMUMS (AND LOCATION) KIPS: CAR L/V: CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
													DRUMBAR FORCES FORE	DRUMBAR FORCES AFT	
0:25:48	190.888	0	18	RUN	1	107	12#	REL	68# 28#	-75:30	03:2	SD40	0 KIPS	-6 KIPS	0.02
	190.885								68# 28#			SD40	-6 KIPS	-12 KIPS	0.03
	190.873								68# 28#			GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.864								68# 27#		28	GONDOLA	-60 KIPS	-68 KIPS	0.00
HELPERS 0:25:49	190.524								68# 28#		48	GONDOLA	0 KIPS	0 KIPS	0.00
	190.350								68# 28#		72	GONDOLA	-27 KIPS	-17 KIPS	0.00
	190.343								68# 28#		73	GM10B	-17 KIPS	2 KIPS	0.00
	190.902	0	17	RUN	1	107	12#	REL	68# 28#	-76:32	03:2	SD40	0 KIPS	-8 KIPS	0.02
HELPERS 0:25:50	190.890								68# 28#		2	SD40	-8 KIPS	-12 KIPS	0.03
	190.878								68# 28#		2	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.868								68# 28#		28	GONDOLA	-53 KIPS	-61 KIPS	0.00
	190.528								68# 28#		48	GONDOLA	0 KIPS	0 KIPS	0.00
HELPERS 0:25:51	190.355								68# 28#		72	GONDOLA	-21 KIPS	-13 KIPS	0.00
	190.348								68# 28#		73	GM10B	-13 KIPS	2 KIPS	0.00
	190.907	0	17	RUN	1	108	12#	REL	68# 28#	-75:36	03:2	SD40	0 KIPS	-6 KIPS	0.02
	190.895								68# 28#		2	SD40	-6 KIPS	-12 KIPS	0.03
HELPERS 0:25:52	190.883								68# 28#		3	GONDOLA	-12 KIPS	-12 KIPS	0.02
	190.893								68# 28#		28	GONDOLA	-22 KIPS	-30 KIPS	0.00
	190.534								68# 28#		48	GONDOLA	0 KIPS	17 KIPS	0.00
	190.360								68# 28#		72	GONDOLA	-20 KIPS	-12 KIPS	0.00
HELPERS 0:25:53	190.352								68# 28#		73	GM10B	-12 KIPS	2 KIPS	0.00
	190.912	0	17	RUN	1	108	12#	REL	68# 28#	-71:38	03:2	SD40	0 KIPS	-6 KIPS	0.02
	190.900								68# 28#		2	SD40	-6 KIPS	-12 KIPS	0.03
	190.887								68# 28#		3	GONDOLA	-12 KIPS	-12 KIPS	0.02
HELPERS 0:25:54	190.898								68# 28#		28	GONDOLA	-6 KIPS	-7 KIPS	0.00
	190.538								68# 28#		48	GONDOLA	-53 KIPS	0 KIPS	0.00
	190.365								68# 28#		72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.357								68# 28#		73	GM10B	-4 KIPS	2 KIPS	0.00
HELPERS 0:25:55	190.817	0	17	RUN	1	109	12#	REL	68# 28#	-53:50	03:2	SD40	0 KIPS	-6 KIPS	0.02
	190.804								68# 28#		1	SD40	-6 KIPS	-13 KIPS	0.03
	190.892								68# 28#		2	GONDOLA	-13 KIPS	-12 KIPS	0.03
	190.703								68# 28#		28	GONDOLA	-6 KIPS	-6 KIPS	0.00
HELPERS 0:25:56	190.544								68# 28#		48	GONDOLA	-48 KIPS	-53 KIPS	0.00
	190.369								68# 28#		72	GONDOLA	-3 KIPS	-4 KIPS	0.00
	190.362								68# 28#		73	GM10B	-4 KIPS	2 KIPS	0.00
	190.921	0	16	RUN	1	109	12#	REL	68# 28#	-44:53	03:2	SD40	0 KIPS	-6 KIPS	0.02
HELPERS 0:25:57	190.908								68# 28#		1	SD40	-6 KIPS	-13 KIPS	0.03
	190.897								68# 28#		2	SD40	-6 KIPS	-13 KIPS	0.03
	190.707								68# 28#		28	GONDOLA	-12 KIPS	-12 KIPS	0.00
	190.548								68# 28#		48	GONDOLA	-31 KIPS	-35 KIPS	0.00
HELPERS 0:25:58	190.374								68# 28#		72	GONDOLA	-3 KIPS	-4 KIPS	0.00
	190.366								68# 28#		73	GM10B	-4 KIPS	2 KIPS	0.00

QCM D-70-E/5/

STATION TIME	MP	SPEED LAT RUN	THITLE RUN	AMPS 1	SETTING 110	PRESSURE 12#	BRAKES REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
											DRAMBAR FORCES	AFT	
0:25:54	190.926	0	16	RUN	1	110	12# REL	68# 28#	1	SD40	0 KIPS	-8 KIPS	0.02
	190.914							68# 28#	2	SD40	-8 KIPS	-13 KIPS	0.03
	190.901							68# 28#	3	GONDOLA	-13 KIPS	-12 KIPS	0.03
	190.712							68# 28#	28	GONDOLA	-8 KIPS	-6 KIPS	0.00
	190.553							68# 28#	49	GONDOLA	-23 KIPS	-27 KIPS	0.00
	190.378							68# 28#	72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.371							68# 28#	73	GM108	2 KIPS	2 KIPS	0.00
HELPERS	190.930							68# 28#	1	SD40	-8 KIPS	-8 KIPS	0.02
0:25:55	190.918	0	16	RUN	1	110	12# REL	68# 28#	2	SD40	-13 KIPS	-13 KIPS	0.03
	190.906							68# 28#	3	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.716							68# 28#	28	GONDOLA	-43 KIPS	-43 KIPS	0.00
	190.557							68# 28#	49	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.383							68# 28#	72	GONDOLA	2 KIPS	2 KIPS	0.00
HELPERS	190.375							68# 28#	73	GM108	-8 KIPS	-8 KIPS	0.02
0:25:56	190.935	0	16	RUN	1	111	12# REL	68# 28#	1	SD40	-13 KIPS	-13 KIPS	0.03
	190.922							68# 28#	2	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.910							68# 28#	3	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.721							68# 28#	28	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.562							68# 28#	49	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.387							68# 28#	72	GONDOLA	-3 KIPS	-3 KIPS	0.00
HELPERS	190.380							68# 28#	73	GM108	0 KIPS	-8 KIPS	0.02
0:25:57	190.939	0	15	RUN	1	111	12# REL	68# 28#	1	SD40	-13 KIPS	-13 KIPS	0.03
	190.927							68# 28#	2	SD40	-8 KIPS	-8 KIPS	0.01
	190.914							68# 28#	3	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.725							68# 28#	28	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.565							68# 28#	49	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.392							68# 28#	72	GONDOLA	-3 KIPS	-3 KIPS	0.00
HELPERS	190.384							68# 28#	73	GM108	0 KIPS	-8 KIPS	0.02
0:25:58	190.943	0	15	RUN	1	112	12# REL	68# 28#	1	SD40	-13 KIPS	-13 KIPS	0.03
	190.931							68# 28#	2	SD40	-8 KIPS	-8 KIPS	0.01
	190.919							68# 28#	3	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.729							68# 28#	28	GONDOLA	-2 KIPS	-2 KIPS	0.00
	190.570							68# 28#	49	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.386							68# 28#	72	GONDOLA	-3 KIPS	-3 KIPS	0.00
HELPERS	190.388							68# 28#	73	GM108	0 KIPS	-8 KIPS	0.02
0:25:59	190.947	0	15	RUN	1	113	12# REL	68# 28#	1	SD40	-13 KIPS	-13 KIPS	0.03
	190.935							68# 28#	2	SD40	-8 KIPS	-8 KIPS	0.01
	190.823							68# 28#	3	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.733							68# 28#	28	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.574							68# 28#	49	GONDOLA	-3 KIPS	-3 KIPS	0.00
	190.400							68# 28#	72	GONDOLA	-2 KIPS	-2 KIPS	0.00
HELPERS	190.393							68# 28#	73	GM108	0 KIPS	-8 KIPS	0.02

STATION TIME	MP	SPEED LMT RUN	THTLT RUN	AMPS 1	SETTING 114 12#	PRESSURE REL	BRAKES TRN IND PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
											FORE	AFT	
0:28: 0	190.852	0	15	RUN 1	114 12#	REL	88# 28#	-13:3 .03:2	1	SD40	0 KIPS	-8 KIPS	0.02
	190.839						88# 28#		2	SD40	-6 KIPS	-13 KIPS	0.03
	190.827						88# 28#		3	GONDOLA	-13 KIPS	-13 KIPS	0.03
	190.738						88# 28#		28	GONDOLA	-10 KIPS	-9 KIPS	0.01
	190.678						88# 28#		49	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.404						88# 28#		72	GONDOLA	-4 KIPS	-4 KIPS	0.00
HELPERS	190.397						88# 28#		73	GM108	3 KIPS	3 KIPS	0.00
0:28: 1	190.958	0	14	RUN 1	114 12#	REL	88# 28#	-13:3 .03:2	1	SD40	0 KIPS	-8 KIPS	0.02
	190.843						88# 28#		2	SD40	-6 KIPS	-13 KIPS	0.03
	190.831						88# 28#		3	GONDOLA	-10 KIPS	-9 KIPS	0.01
	190.742						88# 28#		49	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.582						88# 28#		72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.408						88# 28#		73	GM108	2 KIPS	2 KIPS	0.00
HELPERS	190.401						88# 28#		1	SD40	0 KIPS	-8 KIPS	0.02
0:28: 2	190.980	0	14	RUN 1	115 12#	REL	88# 28#	-13:3 .03:2	2	SD40	-6 KIPS	-13 KIPS	0.03
	190.947						88# 28#		3	GONDOLA	-10 KIPS	-9 KIPS	0.01
	190.825						88# 28#		28	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.746						88# 28#		49	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.598						88# 28#		72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.412						88# 28#		73	GM108	2 KIPS	2 KIPS	0.00
HELPERS	190.405						88# 28#		1	SD40	0 KIPS	-8 KIPS	0.02
0:28: 3	190.983	0	14	RUN 1	116 12#	REL	88# 28#	-12:3 .03:2	2	SD40	-6 KIPS	-12 KIPS	0.03
	190.951						88# 28#		3	GONDOLA	-10 KIPS	-9 KIPS	0.01
	190.839						88# 28#		28	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.748						88# 28#		49	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.590						88# 28#		72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.416						88# 28#		73	GM108	2 KIPS	2 KIPS	0.00
HELPERS	190.408						88# 28#		1	SD40	0 KIPS	-8 KIPS	0.02
0:28: 4	190.987	0	14	RUN 1	117 12#	REL	88# 28#	-12:3 .03:2	2	SD40	-6 KIPS	-12 KIPS	0.03
	190.955						88# 28#		3	GONDOLA	-10 KIPS	-9 KIPS	0.01
	190.843						88# 28#		28	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.753						88# 28#		49	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.594						88# 28#		72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.420						88# 28#		73	GM108	2 KIPS	2 KIPS	0.00
HELPERS	190.412						88# 28#		1	SD40	0 KIPS	-8 KIPS	0.02
0:28: 5	190.971	0	13	RUN 1	118 12#	REL	88# 28#	-12:3 .03:2	2	SD40	-6 KIPS	-12 KIPS	0.03
	190.959						88# 28#		3	GONDOLA	-10 KIPS	-9 KIPS	0.01
	190.848						88# 28#		28	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.757						88# 28#		49	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.598						88# 28#		72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.424						88# 28#		73	GM108	2 KIPS	2 KIPS	0.00
HELPERS	190.416						88# 28#		1	SD40	0 KIPS	-8 KIPS	0.02

STATION TIME	MP	SPEED LMT	THYLE RUN	AMPS REL	SETTING REL	TRN REL	IND REL	PIPE REL	CYL REL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES AFT	L/V RATIO
0:26: 8	190.975	0	13	RUN 1	119	12#	REL	88#	28#	-12:3 .03:2	1	SD40	0 KIPS	0.02
	190.982							88#	28#		2	SD40	-12 KIPS	0.03
	190.980							88#	28#		3	GONDOLA	-12 KIPS	0.02
	190.781							88#	28#		28	GONDOLA	-9 KIPS	0.01
	190.602							88#	28#		49	GONDOLA	-7 KIPS	0.00
	190.427							88#	28#		72	GONDOLA	-4 KIPS	0.00
HELPERS	190.420							88#	28#		73	GM108	2 KIPS	0.00
0:26: 7	190.978	0	13	RUN 1	254	12#	REL	88#	28#	-12:3 .03:2	1	SD40	0 KIPS	0.02
	190.966							88#	28#		2	SD40	-12 KIPS	0.03
	190.954							88#	28#		3	GONDOLA	-12 KIPS	0.02
	190.784							88#	28#		28	GONDOLA	-9 KIPS	0.01
	190.605							88#	28#		49	GONDOLA	-7 KIPS	0.00
	190.431							88#	28#		72	GONDOLA	-4 KIPS	0.00
HELPERS	190.423							88#	28#		73	GM108	2 KIPS	0.00
0:26: 8	190.982	0	13	RUN 1	254	12#	REL	88#	28#	-12:3 .03:2	1	SD40	0 KIPS	0.02
	190.970							88#	28#		2	SD40	-12 KIPS	0.03
	190.957							88#	28#		3	GONDOLA	-12 KIPS	0.02
	190.788							88#	28#		28	GONDOLA	-9 KIPS	0.01
	190.609							88#	28#		49	GONDOLA	-7 KIPS	0.00
	190.434							88#	28#		72	GONDOLA	-4 KIPS	0.00
HELPERS	190.427							88#	28#		73	GM108	2 KIPS	0.00
0:26: 9	190.985	0	12	RUN 1	254	12#	REL	88#	28#	-12:3 .03:2	1	SD40	0 KIPS	0.02
	190.973							88#	28#		2	SD40	-12 KIPS	0.03
	190.961							88#	28#		3	GONDOLA	-12 KIPS	0.02
	190.771							88#	28#		28	GONDOLA	-9 KIPS	0.01
	190.612							88#	28#		49	GONDOLA	-7 KIPS	0.00
	190.438							88#	28#		72	GONDOLA	-4 KIPS	0.00
HELPERS	190.430							88#	28#		73	GM108	2 KIPS	0.00
0:28: 10	190.989	0	12	RUN 1	254	12#	REL	88#	28#	-12:3 .03:2	1	SD40	0 KIPS	0.02
	190.978							88#	28#		2	SD40	-12 KIPS	0.03
	190.964							88#	28#		3	GONDOLA	-12 KIPS	0.02
	190.775							88#	28#		28	GONDOLA	-9 KIPS	0.01
	190.616							88#	28#		49	GONDOLA	-7 KIPS	0.00
	190.441							88#	28#		72	GONDOLA	-4 KIPS	0.00
HELPERS	190.434							88#	28#		73	GM108	2 KIPS	0.00
0:26: 11	190.992	0	12	RUN 1	254	12#	REL	88#	28#	-11:3 .03:2	1	SD40	0 KIPS	0.01
	190.980							88#	28#		2	SD40	-11 KIPS	0.03
	190.967							88#	28#		3	GONDOLA	-11 KIPS	0.02
	190.778							88#	28#		28	GONDOLA	-9 KIPS	0.01
	190.619							88#	28#		49	GONDOLA	-7 KIPS	0.00
	190.445							88#	28#		72	GONDOLA	-4 KIPS	0.00
HELPERS	190.437							88#	28#		73	GM108	2 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THITLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO			
											DRABAR FORCES FORE	DRABAR FORCES AFT				
O:26:12	190.995	0	12	RUN	1	128	12#	REL	88# 28#	-11:3	.03:2	1	SD40	0 KIPS	-6 KIPS	0.01
	190.983								88# 28#			2	SD40	-6 KIPS	-11 KIPS	0.03
	190.971								88# 28#			3	GONDOLA	-11 KIPS	-11 KIPS	0.02
	190.781								88# 28#			28	GONDOLA	-9 KIPS	-8 KIPS	0.01
	190.622								88# 28#			48	GONDOLA	-6 KIPS	-8 KIPS	0.00
HELPERS	190.448								88# 28#			72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.440								88# 28#			73	GM10B	-4 KIPS	2 KIPS	0.00
	190.998	0	11	RUN	1	255	12#	REL	88# 28#	-11:3	.02:2	1	SD40	0 KIPS	-6 KIPS	0.01
	190.986								88# 28#			2	SD40	-6 KIPS	-11 KIPS	0.02
	190.974								88# 28#			3	GONDOLA	-11 KIPS	-11 KIPS	0.02
O:26:13	190.784								88# 28#			28	GONDOLA	-8 KIPS	-8 KIPS	0.01
	190.625								88# 28#			48	GONDOLA	-6 KIPS	-8 KIPS	0.00
	190.451								88# 28#			72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.443								88# 28#			73	GM10B	-4 KIPS	2 KIPS	0.00
	191.000	0	11	RUN	1	129	12#	REL	88# 28#	-11:3	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
O:26:14	190.988								88# 28#			2	SD40	-5 KIPS	-11 KIPS	0.02
	190.975								88# 28#			3	GONDOLA	-11 KIPS	-11 KIPS	0.02
	190.786								88# 28#			28	GONDOLA	-8 KIPS	-8 KIPS	0.01
	190.627								88# 28#			48	GONDOLA	-6 KIPS	-8 KIPS	0.00
	190.453								88# 28#			72	GONDOLA	-4 KIPS	-4 KIPS	0.00
HELPERS	190.445								88# 28#			73	GM10B	-4 KIPS	2 KIPS	0.00
	191.003	0	11	RUN	1	130	12#	REL	88# 28#	-11:3	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.991								88# 28#			2	SD40	-5 KIPS	-11 KIPS	0.02
	190.978								88# 28#			3	GONDOLA	-11 KIPS	-11 KIPS	0.02
	190.789								88# 28#			28	GONDOLA	-8 KIPS	-8 KIPS	0.01
O:26:15	190.630								88# 28#			48	GONDOLA	-6 KIPS	-8 KIPS	0.00
	190.458								88# 28#			72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.448								88# 28#			73	GM10B	-4 KIPS	2 KIPS	0.00
	191.006	0	11	RUN	1	255	12#	REL	88# 28#	-10:3	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.994								88# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
HELPERS	190.981								88# 28#			3	GONDOLA	-10 KIPS	-10 KIPS	0.02
	190.792								88# 28#			28	GONDOLA	-8 KIPS	-8 KIPS	0.01
	190.633								88# 28#			48	GONDOLA	-6 KIPS	-8 KIPS	0.00
	190.459								88# 28#			72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.451								88# 28#			73	GM10B	-4 KIPS	2 KIPS	0.00
O:26:16	191.008	0	10	RUN	1	133	12#	REL	88# 28#	-10:3	.02:2	1	SD40	0 KIPS	-5 KIPS	0.01
	190.997								88# 28#			2	SD40	-5 KIPS	-10 KIPS	0.02
	190.984								88# 28#			3	GONDOLA	-10 KIPS	-10 KIPS	0.02
	190.795								88# 28#			28	GONDOLA	-8 KIPS	-8 KIPS	0.01
	190.636								88# 28#			48	GONDOLA	-6 KIPS	-8 KIPS	0.00
HELPERS	190.462								88# 28#			72	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.454								88# 28#			73	GM10B	-4 KIPS	2 KIPS	0.00

QCM D-70-E/5/

STATION TIME	MP	SPEED LMT RUN	THLTL AMP	SETTING TRN	IND PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES FORE AFT	L/V RATIO
0:28:18	191.012	0	10	RUN 1	135	12# REL	88# 28#	1	SD40	0 KIPS	0.01
	190.998						88# 28#	2	SD40	-5 KIPS	0.02
	190.987						88# 28#	3	GONDOLA	-10 KIPS	0.02
	190.978						88# 28#	28	GONDOLA	-8 KIPS	0.01
	190.969						88# 28#	49	GONDOLA	-6 KIPS	0.00
	190.959						88# 28#	72	GONDOLA	-4 KIPS	0.00
	190.948						88# 28#	73	GONDOLA	-4 KIPS	0.00
HELPERS	190.457						88# 28#		GM108	2 KIPS	0.01
0:28:19	191.014	0	10	RUN 1	255	12# REL	88# 28#	1	SD40	0 KIPS	0.01
	191.002						88# 28#	2	SD40	-10 KIPS	0.02
	190.990						88# 28#	3	GONDOLA	-7 KIPS	0.01
	190.980						88# 28#	28	GONDOLA	-8 KIPS	0.00
	190.961						88# 28#	49	GONDOLA	-4 KIPS	0.00
	190.947						88# 28#	72	GONDOLA	-4 KIPS	0.00
	190.937						88# 28#	73	GONDOLA	-4 KIPS	0.00
HELPERS	190.459						88# 28#		GM108	2 KIPS	0.01
0:28:20	191.017	0	9	RUN 1	255	12# REL	88# 28#	1	SD40	0 KIPS	0.01
	191.005						88# 28#	2	SD40	-9 KIPS	0.02
	190.992						88# 28#	3	GONDOLA	-8 KIPS	0.01
	190.983						88# 28#	28	GONDOLA	-7 KIPS	0.01
	190.964						88# 28#	49	GONDOLA	-6 KIPS	0.00
	190.944						88# 28#	72	GONDOLA	-4 KIPS	0.00
	190.934						88# 28#	73	GONDOLA	-4 KIPS	0.00
HELPERS	190.470						88# 28#		GM108	2 KIPS	0.01
0:28:20	191.018	0	9	RUN 1	255	12# REL	88# 28#	1	SD40	0 KIPS	0.01
	191.006						88# 28#	2	SD40	-9 KIPS	0.02
	190.994						88# 28#	3	GONDOLA	-7 KIPS	0.01
	190.984						88# 28#	28	GONDOLA	-8 KIPS	0.00
	190.964						88# 28#	49	GONDOLA	-6 KIPS	0.00
	190.945						88# 28#	72	GONDOLA	-4 KIPS	0.00
	190.931						88# 28#	73	GONDOLA	-4 KIPS	0.00
HELPERS	190.471						88# 28#		GM108	2 KIPS	0.01
0:28:21	191.021	0	9	RUN 1	255	12# REL	88# 28#	1	SD40	0 KIPS	0.01
	191.008						88# 28#	2	SD40	-9 KIPS	0.02
	190.996						88# 28#	3	GONDOLA	-7 KIPS	0.01
	190.987						88# 28#	28	GONDOLA	-8 KIPS	0.00
	190.968						88# 28#	49	GONDOLA	-6 KIPS	0.00
	190.948						88# 28#	72	GONDOLA	-4 KIPS	0.00
	190.933						88# 28#	73	GONDOLA	-4 KIPS	0.00
HELPERS	190.473						88# 28#		GM108	2 KIPS	0.01
0:28:22	191.023	0	9	RUN 1	255	12# REL	88# 28#	1	SD40	0 KIPS	0.01
	191.011						88# 28#	2	SD40	-9 KIPS	0.02
	190.999						88# 28#	3	GONDOLA	-7 KIPS	0.01
	190.989						88# 28#	28	GONDOLA	-8 KIPS	0.00
	190.969						88# 28#	49	GONDOLA	-6 KIPS	0.00
	190.950						88# 28#	72	GONDOLA	-4 KIPS	0.00
	190.935						88# 28#	73	GONDOLA	-4 KIPS	0.00
HELPERS	190.476						88# 28#		GM108	2 KIPS	0.01
0:28:22	191.023	0	9	RUN 1	255	12# REL	88# 28#	1	SD40	0 KIPS	0.01
	191.011						88# 28#	2	SD40	-9 KIPS	0.02
	190.999						88# 28#	3	GONDOLA	-7 KIPS	0.01
	190.989						88# 28#	28	GONDOLA	-8 KIPS	0.00
	190.969						88# 28#	49	GONDOLA	-6 KIPS	0.00
	190.950						88# 28#	72	GONDOLA	-4 KIPS	0.00
	190.935						88# 28#	73	GONDOLA	-4 KIPS	0.00
HELPERS	190.476						88# 28#		GM108	2 KIPS	0.01

STATION TIME	MP	SPEED LMT	THYLE RUN	AMPS TRN	BRAKES IND	PRESSURE PIPE	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES		L/V RATIO
										DRAWBAR FORCES FORE	FORCES AFT	
0:26:23	191.026	0	8	RUN 1	146	12# REL	-8:3 .02:2	1	SD40	0 KIPS	-4 KIPS	0.01
	191.013					88# 28#		2	SD40	-4 KIPS	-8 KIPS	0.02
	191.001					88# 28#		3	GONDOLA	-8 KIPS	-8 KIPS	0.02
	190.812					88# 28#		28	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.852					88# 28#		49	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.478					88# 28#		72	GONDOLA	-4 KIPS	-4 KIPS	0.00
HELPERS	190.471					88# 28#		73	GM10B	-4 KIPS	-4 KIPS	0.00
0:26:24	191.026	0	8	RUN 1	255	12# REL	-8:3 .02:2	1	SD40	0 KIPS	-4 KIPS	0.01
	191.016					88# 28#		2	SD40	-4 KIPS	-8 KIPS	0.02
	191.003					88# 28#		3	GONDOLA	-8 KIPS	-8 KIPS	0.02
	190.814					88# 28#		28	GONDOLA	-8 KIPS	-8 KIPS	0.00
	190.855					88# 28#		49	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.480					88# 28#		72	GONDOLA	-4 KIPS	-3 KIPS	0.00
HELPERS	190.473					88# 28#		73	GM10B	-3 KIPS	-2 KIPS	0.00
0:26:25	191.030	0	8	RUN 1	255	12# REL	-7:3 .02:2	1	SD40	0 KIPS	-4 KIPS	0.01
	191.018					88# 28#		2	SD40	-4 KIPS	-7 KIPS	0.02
	191.005					88# 28#		3	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.816					88# 28#		28	GONDOLA	-6 KIPS	-6 KIPS	0.00
	190.857					88# 28#		49	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.483					88# 28#		72	GONDOLA	-3 KIPS	-3 KIPS	0.00
HELPERS	190.475					88# 28#		73	GM10B	-3 KIPS	-2 KIPS	0.00
0:26:26	191.032	0	7	RUN 1	255	12# REL	-7:3 .02:2	1	SD40	0 KIPS	-3 KIPS	0.01
	191.020					88# 28#		2	SD40	-3 KIPS	-7 KIPS	0.02
	191.007					88# 28#		3	GONDOLA	-7 KIPS	-7 KIPS	0.01
	190.818					88# 28#		28	GONDOLA	-8 KIPS	-8 KIPS	0.00
	190.858					88# 28#		49	GONDOLA	-5 KIPS	-4 KIPS	0.00
	190.485					88# 28#		72	GONDOLA	-3 KIPS	-3 KIPS	0.00
HELPERS	190.477					88# 28#		73	GM10B	-3 KIPS	-2 KIPS	0.00
0:26:27	191.034	0	7	RUN 1	255	12# REL	-6:3 .01:2	1	SD40	0 KIPS	-3 KIPS	0.01
	191.022					88# 28#		2	SD40	-3 KIPS	-6 KIPS	0.01
	191.010					88# 28#		3	GONDOLA	-6 KIPS	-5 KIPS	0.01
	190.820					88# 28#		28	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.861					88# 28#		49	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.487					88# 28#		72	GONDOLA	-3 KIPS	-3 KIPS	0.00
HELPERS	190.479					88# 28#		73	GM10B	-3 KIPS	-2 KIPS	0.00
0:26:28	191.036	0	7	RUN 1	255	12# REL	-5:3 .01:2	1	SD40	0 KIPS	-3 KIPS	0.00
	191.024					88# 28#		2	SD40	-3 KIPS	-5 KIPS	0.01
	191.011					88# 28#		3	GONDOLA	-5 KIPS	-5 KIPS	0.01
	190.822					88# 28#		28	GONDOLA	-5 KIPS	-4 KIPS	0.00
	190.863					88# 28#		49	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.489					88# 28#		72	GONDOLA	-3 KIPS	-3 KIPS	0.00
HELPERS	190.481					88# 28#		73	GM10B	-3 KIPS	-2 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THYLE RUN	AMPS TRN	SETTING IND	PRESSURE PIPE	CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO			
											FORE	AFT				
0:26:29	191.038	0	7	RUN	1	171	12#	REL	68# 28#	-5:3	.01:2	1	0 KIPS	-2 KIPS	0.00	
	191.026								68# 28#			2	-2 KIPS	-5 KIPS	0.01	
	191.013								68# 28#			3	-5 KIPS	-5 KIPS	0.01	
	190.824								68# 28#			28	-4 KIPS	-4 KIPS	0.00	
HELPERS	190.695								68# 28#			49	-4 KIPS	-4 KIPS	0.00	
	190.491								68# 28#			72	-3 KIPS	-3 KIPS	0.00	
	190.483								68# 28#			73	2 KIPS	2 KIPS	0.00	
	0:26:30	191.040	0	6	RUN	1	177	12#	REL	68# 28#	-4:3	.00:	1	0 KIPS	-2 KIPS	0.00
HELPERS	191.027								68# 28#			2	-2 KIPS	-4 KIPS	0.00	
	191.015								68# 28#			3	-4 KIPS	-4 KIPS	0.00	
	190.826								68# 28#			28	-3 KIPS	-3 KIPS	0.00	
	190.667								68# 28#			49	-3 KIPS	-3 KIPS	0.00	
HELPERS	190.492								68# 28#			72	-3 KIPS	-3 KIPS	0.00	
	190.485								68# 28#			73	2 KIPS	2 KIPS	0.00	
	0:26:31	191.041	0	6	RUN	1	255	12#	REL	68# 28#	-3:73	.00:	1	0 KIPS	-1 KIPS	0.00
	191.029								68# 28#			2	-1 KIPS	-3 KIPS	0.00	
HELPERS	191.017								68# 28#			3	-3 KIPS	-3 KIPS	0.00	
	190.827								68# 28#			28	-3 KIPS	-3 KIPS	0.00	
	190.668								68# 28#			49	-3 KIPS	-3 KIPS	0.00	
	190.494								68# 28#			72	-3 KIPS	-3 KIPS	0.00	
HELPERS	190.486								68# 28#			73	-3 KIPS	-3 KIPS	0.00	
	0:26:32	191.043	0	6	RUN	1	255	12#	REL	68# 28#	-3:73	.00:	1	0 KIPS	-1 KIPS	0.00
	191.031								68# 28#			2	-1 KIPS	-2 KIPS	0.00	
	191.018								68# 28#			3	-2 KIPS	-2 KIPS	0.00	
HELPERS	190.829								68# 28#			28	-2 KIPS	-2 KIPS	0.00	
	190.670								68# 28#			49	-3 KIPS	-3 KIPS	0.00	
	190.498								68# 28#			72	-3 KIPS	-3 KIPS	0.00	
	0:26:33	191.044	0	5	RUN	1	197	12#	REL	68# 28#	-3:73	.00:	1	0 KIPS	0 KIPS	0.00
HELPERS	191.032								68# 28#			2	-1 KIPS	-1 KIPS	0.00	
	191.020								68# 28#			3	-1 KIPS	-1 KIPS	0.00	
	190.820								68# 28#			28	-1 KIPS	-1 KIPS	0.00	
	190.671								68# 28#			49	-2 KIPS	-2 KIPS	0.00	
HELPERS	190.487								68# 28#			72	-3 KIPS	-3 KIPS	0.00	
	190.490								68# 28#			73	-3 KIPS	-3 KIPS	0.00	
	0:26:34	191.046	0	5	IDLE				68# 28#	53:73	.05:2	1	0 KIPS	-11 KIPS	0.03	
	191.034								68# 28#			2	-11 KIPS	-21 KIPS	0.06	
HELPERS	191.021								68# 28#			3	-21 KIPS	-21 KIPS	0.04	
	190.832								68# 28#			28	-14 KIPS	-13 KIPS	0.02	
	190.673								68# 28#			49	-7 KIPS	-7 KIPS	0.01	
	190.498								68# 28#			72	-2 KIPS	53 KIPS	0.00	
HELPERS	190.491								68# 28#			73	53 KIPS	3 KIPS	0.00	
	-----> IDLE															
-----> CONTINUE UNTIL SPEED REACHES 0 M.P.H.																

STATION TIME	MP	SPEED LMT RUN	THYLE IDLE	AMPS 0 4	BRAKES SETTING TRN IND PIPE	PRESSURE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES DRAWBAR FORCES		L/V RATIO
										FORE	AFT	
0:26:35	191.047	0	IDLE	0	12# REL	58# 28#	60:70 .05:2	1	SD40	0 KIPS	-11 KIPS	0.03
	191.035					58# 28#		2	SD40	-11 KIPS	-21 KIPS	0.05
	191.022					58# 28#		3	GONDOLA	-21 KIPS	-21 KIPS	0.04
	190.833					58# 28#		28	GONDOLA	-14 KIPS	-13 KIPS	0.02
	190.674					58# 28#		49	GONDOLA	-7 KIPS	-7 KIPS	0.00
	190.500					58# 28#		72	GONDOLA	36 KIPS	36 KIPS	0.00
HELPERS	190.492		IDLE	0	12# REL	58# 28#		73	GM108	4 KIPS	4 KIPS	0.00
0:26:36	191.048	0	IDLE	0	12# REL	58# 28#	59:60 .05:2	1	SD40	0 KIPS	-11 KIPS	0.03
	191.036					58# 28#		2	SD40	-11 KIPS	-22 KIPS	0.05
	191.024					58# 28#		3	GONDOLA	-22 KIPS	-21 KIPS	0.04
	190.834					58# 28#		28	GONDOLA	-13 KIPS	-13 KIPS	0.02
	190.675					58# 28#		49	GONDOLA	-7 KIPS	-8 KIPS	0.00
	190.501					58# 28#		72	GONDOLA	28 KIPS	18 KIPS	0.00
HELPERS	190.493		IDLE	0	12# REL	58# 28#		73	GM108	18 KIPS	4 KIPS	0.00
0:26:37	191.049	0	IDLE	0	12# REL	58# 28#	58:67 .05:2	1	SD40	0 KIPS	-11 KIPS	0.03
	191.037					58# 28#		2	SD40	-11 KIPS	-21 KIPS	0.05
	191.025					58# 28#		3	GONDOLA	-21 KIPS	-21 KIPS	0.04
	190.835					58# 28#		28	GONDOLA	-13 KIPS	-13 KIPS	0.02
	190.676					58# 28#		49	GONDOLA	-8 KIPS	-5 KIPS	0.00
	190.502					58# 28#		72	GONDOLA	21 KIPS	13 KIPS	0.00
HELPERS	190.494		IDLE	0	12# REL	58# 28#		73	GM108	13 KIPS	4 KIPS	0.00
0:26:38	191.050	0	IDLE	0	12# REL	58# 28#	57:64 .05:2	1	SD40	0 KIPS	-11 KIPS	0.03
	191.038					58# 28#		2	SD40	-11 KIPS	-22 KIPS	0.05
	191.026					58# 28#		3	GONDOLA	-22 KIPS	-21 KIPS	0.04
	190.836					58# 28#		28	GONDOLA	-13 KIPS	-12 KIPS	0.02
	190.677					58# 28#		49	GONDOLA	-5 KIPS	-5 KIPS	0.00
	190.503					58# 28#		72	GONDOLA	14 KIPS	13 KIPS	0.00
HELPERS	190.495		IDLE	0	12# REL	58# 28#		73	GM108	13 KIPS	3 KIPS	0.00
0:26:39	191.051	0	IDLE	0	12# REL	58# 28#	55:62 .05:2	1	SD40	0 KIPS	-11 KIPS	0.03
	191.039					58# 28#		2	SD40	-11 KIPS	-21 KIPS	0.06
	191.027					58# 28#		3	GONDOLA	-21 KIPS	-21 KIPS	0.04
	190.837					58# 28#		28	GONDOLA	-12 KIPS	-12 KIPS	0.01
	190.678					58# 28#		49	GONDOLA	-4 KIPS	-4 KIPS	0.00
	190.504					58# 28#		72	GONDOLA	12 KIPS	13 KIPS	0.00
HELPERS	190.496		IDLE	0	12# REL	58# 28#		73	GM108	13 KIPS	3 KIPS	0.00
0:26:40	191.052	0	IDLE	0	12# REL	58# 28#	53:59 .05:2	1	SD40	0 KIPS	-11 KIPS	0.03
	191.040					58# 28#		2	SD40	-11 KIPS	-22 KIPS	0.05
	191.027					58# 28#		3	GONDOLA	-22 KIPS	-21 KIPS	0.04
	190.838					58# 28#		28	GONDOLA	-12 KIPS	-12 KIPS	0.01
	190.679					58# 28#		49	GONDOLA	-4 KIPS	-3 KIPS	0.00
	190.505					58# 28#		72	GONDOLA	12 KIPS	13 KIPS	0.00
HELPERS	190.497		IDLE	0	12# REL	58# 28#		73	GM108	13 KIPS	3 KIPS	0.00

STATION TIME	MP	SPEED LMT RUN	THTLT AMP'S SETTING	BRAKES TRN IND PIPE CYL	MAXIMUMS (AND LOCATION) KIPS:CAR L/V:CAR	POSITION	IDENTIFIER	FOR SPECIFIED VEHICLES	
								FOR FORE	FOR AFT
0:26:41	191.052	0	2	IDLE	0 12# REL	88# 28#	SD40	0 KIPS	-11 KIPS
	191.040					88# 28#	SD40	-11 KIPS	-21 KIPS
	191.028					88# 28#	GONDOLA	-21 KIPS	-21 KIPS
	190.838					88# 28#	GONDOLA	-11 KIPS	-11 KIPS
	190.879					88# 28#	GONDOLA	-3 KIPS	-2 KIPS
	190.505					88# 28#	GONDOLA	13 KIPS	13 KIPS
	190.498					88# 28#	GONDOLA	3 KIPS	3 KIPS
HELPERS	191.053	0	1	IDLE	0 12# REL	88# 28#	GM108	-11 KIPS	-11 KIPS
0:26:42	191.041					88# 28#	SD40	0 KIPS	-21 KIPS
	191.028					88# 28#	SD40	-11 KIPS	-21 KIPS
	190.838					88# 28#	GONDOLA	-11 KIPS	-10 KIPS
	190.880					88# 28#	GONDOLA	-2 KIPS	-2 KIPS
	190.506					88# 28#	GONDOLA	13 KIPS	14 KIPS
HELPERS	190.498					88# 28#	GM108	3 KIPS	3 KIPS
0:26:43	191.053	0	1	IDLE	0 12# REL	88# 28#	SD40	-10 KIPS	-10 KIPS
	191.041					88# 28#	SD40	-21 KIPS	-21 KIPS
	191.029					88# 28#	GONDOLA	-21 KIPS	-21 KIPS
	190.838					88# 28#	GONDOLA	-10 KIPS	-10 KIPS
	190.880					88# 28#	GONDOLA	13 KIPS	14 KIPS
	190.506					88# 28#	GM108	4 KIPS	4 KIPS
HELPERS	190.498					88# 28#	SD40	-10 KIPS	-10 KIPS
0:26:44	191.053	0	0	IDLE	0 12# REL	88# 28#	SD40	-21 KIPS	-21 KIPS
	191.041					88# 28#	GONDOLA	-10 KIPS	-10 KIPS
	191.029					88# 28#	GONDOLA	-20 KIPS	-20 KIPS
	190.838					88# 28#	GONDOLA	-9 KIPS	-9 KIPS
	190.880					88# 28#	GONDOLA	44 KIPS	45 KIPS
	190.506					88# 28#	GONDOLA	13 KIPS	14 KIPS
HELPERS	190.498					88# 28#	GM108	4 KIPS	4 KIPS
0:26:45	191.053	0	0	IDLE	0 12# REL	88# 28#	SD40	-10 KIPS	-10 KIPS
	191.041					88# 28#	SD40	-20 KIPS	-20 KIPS
	191.028					88# 28#	GONDOLA	-8 KIPS	-8 KIPS
	190.838					88# 28#	GONDOLA	34 KIPS	34 KIPS
	190.880					88# 28#	GONDOLA	13 KIPS	14 KIPS
	190.506					88# 28#	GM108	14 KIPS	4 KIPS
HELPERS	190.498					88# 28#	GM108	14 KIPS	4 KIPS

-----> STOP COMPUTER RUN

MAXIMUM FORCES FOR THIS CASE

MAX. DRAFT COUPLER FORCE: 183 KIPS ON VEH. 57 AT 0: 0:12

MAX. BUFF COUPLER FORCE: -142 KIPS ON VEH. 57 AT 0:25:55

MAXIMUM L/V : 0.33 ON VEH. 72 AT 0: 9:17

Canadian Pacific Consulting Services Ltd.

